SOFAB

EN ISO 14001-2004

SAFETY CATALOG

Shamsan Alsohaibi is our group name and is based in Jeddah, Saudi Arabia**. SOFAB** is the brand name and is **EN ISO 9001:2001-EN ISO 14001:2004** certified. **Trust Middle East Co. Ltd.** is the registered company name for manufacturing, marketing and sales of Safety & Security products.

Our first factory was established in 1989 for the production of Building and Electrical Materials. Today this industry has evolved to include in its manufacturing base, a large range of Security & Safety products that have been requested and delivered to more then 20 nations. SOFAB's 60,000 square meters covered factory space and 560 employees, makes it the one of the leading security manufacturers in the world. As pioneer in the industry, **SOFAB** has several patents accredited to its name with King Abdul Aziz City of Science and Technology. These revolutionary one of a kind designs were created to provide the maximum possible security for the ever evolving and continuously growing demand for grater safety of all Commercial and Government Buildings, Border Crossings, Airports, Sea Ports, Embassies and Military Bases.

SOFAB and SWANN AUSTRALIA has partnered to fulfill the security camera gap in the region. Swann has been recognized around the world for its **innovative ideas, advance technology, and its unprecedented 24 months exchangeable warranty**. CCTV Integration is critical to all security systems today. These cameras are normally multiplexed and presented to the central guard station. The access control and security system needs to integrate these cameras in a way so the guard can be presented with the right camera at the right time. On a separate front, the data from the integrated access and security system can be presented on the web format so it is available to authorized users in the network (Intranet) or outside the network (Internet). In addition, it is possible to plan some reports by department and send them out by e-mail automatically to selected e-mail addresses. Seamless integration with CCTV, Web and the other Security Systems is the ultimate goal at SOFAB.

SOFAB is also the leading manufactures of a variety of building materials and electrical accessories through strategic business relationships, innovative ideas and patented pending designs. **SOFAB** has achieved one of the best reputations in the region for quality assurance and reliability. **SOFAB**'s many years of Research and Development, Manufacturing and Distributions has given us an unprecedented marketing base and experience not achieved by any other retailer in the region. Just look at the number of retail stores we distribute to in the Middle East. Our ability to distribute a wide range of products has opened the doors for us in many marketing fields. **SOFAB** is capable of introducing new product in the Middle East Region through our existing stands in less than 48 hours. This strength and power has assured us the foundation for a Total Regional Market Domination.

Mission

SOFAB is committed to be a reliable source for Safety & Security Systems in the regional market in special and global market in general. We are committed to maintaining operational excellence through continuous improvement and the pursuit of world class manufacturing technologies.

Our reputation rests on providing products and services that adhere to our fundamental principles:

- Safety and Reliability.
- Innovative and Competitive.
- Total customer support.
- State-of-the-art manufacturing techniques.
- Efficiency and motivation at its best.
- Corporate and Commercial Ethics.

Motor Type AC Automatic Voltage Regulator (Cu)

Picture	Code	Description	PRICE SR/Dhs
Motor type AC Automatic Voltage Regulator (Cu)			
Single phase series SVC			
	ZZHE-SVC--0.5K	0.5KVA Single phase AC220V	174
	ZZHE-SVC--1K	1KVA Single phase AC220V	224
	ZZHE-SVC--1.5K	1.5KVA Single phase AC220V	249
	ZZHE-SVC--2K	2KVA Single phase AC220V	357
	ZZHE-SVC--3K	3KVA Single phase AC220V	473
	ZZHE-SVC--5K	5KVA Single phase AC220V	680
	ZZHE-SVC--7.5K	7.5KVA Single phase AC220V	995
	ZZHE-SVC--10K	10KVA Single phase AC220V	1,095
	ZZHE-SVC--15K	15KVA Single phase AC220V	1,991
	ZZHE-SVC--20K	20KVA Single phase AC220V	2,239
	ZZHE-SVC--30K	30KVA Single phase AC220V	3,401
Triple phase series SVC			
	ZZHE-TNS--1.5K	1.5KVA Three phase AC380V	589
	ZZHE-TNS--3K	3KVA Three phase AC380V	738
	ZZHE-TNS--4.5K	4.5KVA Three phase AC380V	796
	ZZHE-TNS--6K	6KVA Three phase AC380V	1,078
	ZZHE-TNS--9K	9KVA Three phase AC380V	1,659
	ZZHE-TNS--15K	15KVA Three phase AC380V	2,240
	ZZHE-TNS--20K	20KVA Three phase AC380V	2,803
	ZZHE-TNS--30K	30KVA Three phase AC380V	3,318
	ZZHE-TNS--45K	45KVA Three phase AC380V	6,138
	ZZHE-TNS--50K	50KVA Three phase AC380V	6,303
	ZZHE-TNS--60K	60KVA Three phase AC380V	6,469
Superpower Voltage Regulator			
	ZZHE-SBW-30K	30KVA three phase AC380V	7,216
	ZZHE-SBW-50K	50KVA three phase AC380V	8,128
	ZZHE-SBW-100K	100KVA three phase AC380V	10,948
	ZZHE-SBW-150K	150KVA three phase AC380V	18,081
	ZZHE-SBW-200K	200KVA three phase AC380V	21,233
	ZZHE-SBW-250K	250KVA three phase AC380V	23,555
	ZZHE-SBW-300K	300KVA three phase AC380V	32,845
Offline UPS series			
	ZZHE-UPS-500A	500VA offline, with Battery 1pc*12V7AH	265
	ZZHE-UPS-1000A	1 KVA offline, with Battery 2pcs*12V7AH	448
Online UPS series			
	ZZHE-UPS-C1KV	1 KVA online, High Frequency, with Battery 3pcs*12V7AH	1,427
	ZZHE-UPS-C2KV	2 KVA online, High Frequency, with Battery 8pcs*12V7AH	2,621
	ZZHE-UPS-C3KV	3 KVA online, High Frequency, with Battery 8pcs*12V7AH	2,803
	ZZHE-UPS-C6KV	6 KVA online, High Frequency, with Battery 20pcs*12V7AH	7,133
	ZZHE-UPS-C10KV	10 KVA online, High Frequency, with Battery 20pcs*12V7AH	8,875
Power Frequency, single input single output			
	ZZHE-UPS-TA3KS	3 KVA online, Power Frequency, without Battery	6,669
	ZZHE-UPS-TA6KS	6 KVA online, Power Frequency, without Battery	8,676
	ZZHE-UPS-TA10KS	10 KVA online, Power Frequency, without Battery	16,091
	ZZHE-UPS-TA15KS	15 KVA online, Power Frequency, without Battery	22,062
	ZZHE-UPS-TA20KS	20 KVA online, Power Frequency, without Battery	30,108
Power Frequency, triple input triple output			
	ZZHE-UPS-TC10KS	10 KVA online, Power Frequency, without Battery	33,344
	ZZHE-UPS-TC15KS	15 KVA online, Power Frequency, without Battery	40,143
	ZZHE-UPS-TC20KS	20 KVA online, Power Frequency, without Battery	44,125
	ZZHE-UPS-TC30KS	30 KVA online, Power Frequency, without Battery	54,243
	ZZHE-UPS-TC40KS	40 KVA online, Power Frequency, without Battery	66,353
	ZZHE-UPS-TC50KS	50 KVA online, Power Frequency, without Battery	86,259
	ZZHE-UPS-TC60KS	60 KVA online, Power Frequency, without Battery	94,387
	ZZHE-UPS-TC80KS	80 KVA online, Power Frequency, without Battery	124,578
	ZZHE-UPS-TC100KS	100 KVA online, Power Frequency, without Battery	152,612
	ZZHE-UPS-TC120KS	120 KVA online, Power Frequency, without Battery	196,737

Handy Microphone

WHY2007N

Feature

- 200*350mm;
- 15W RMS power;
- ABS housing;
- Sound cover approx.1000m;
- Approx:1.17kg;,
- 6*1.5v(size C) battery,
- with siren and talk function

PRICE : 133 SR/Dhs

WHY3007D

Feature

- 230*345mm;
- 25W RMS power;
- ABS housing;
- Sound cover approx.600m;
- Approx:1.5kg;,
- 8*1.5v(size C) battery,
- Equipped with a detachable microphone
- with 8 siren function
- operate with 12V DC ,6M cable car cigarette

PRICE : 464 SR/Dhs

WHY3007M

Feature

- 230*350mm;
- 25W RMS power;
- ABS housing;
- Sound cover approx.600m;
- Approx:1.5kg;,
- 8*1.5v(size C) battery,
- Equipped with a detachable microphone with siren,record talk function

PRICE : 174 SR/Dhs

WHY3007WSN

Feature

- 230*365mm;
- 25W RMS power;
- ABS housing;
- Sound cover approx.600m;
- Approx:1.5kg;,
- 8*1.5v(size C) battery,
- with siren function

PRICE : 157 SR/Dhs

Test & Measurement Instruments

ZEI-EM3204 Digital Multimeter

- o Large LCD display.
- o The LCD can be adjusted up to 70°C.
- o Complete data display.
- o Auto Power-off.
- o Data-Hold function.

CAT II

- * Voltage DC: 200m/2/20/200/600V.
- * Voltage AC: 2/20/200/600V.
- * Current DC: 2m/20m/200m/2A/10A.
- * Current AC: 20m/200m/2A/10A.
- * Resistance:200/2k/20k/200k/2M/20MΩ.
- * Temperature:20~1000°C
- * Capacitance: 20n ~ 1000MF.
- * Hz: 20KHz.
- * Diode Check: 3V/1mA.

Dual-Slope Integration A/D converter system

PRICE: 86 SR/Dhs

ZEI-EM4000 Digital Multimeter

3 3/4 Digits LCD, MAX. reading 3999 (W)41mmx(H)16mm LCD display.

- o Overload protection.
- o Audible continuity.

CAT II

- * Voltage DC: 400m ~ 500V.
- * Voltage AC: 4 ~ 500V.
- * Resistance: 400 ~ 40MΩ.
- * Continuity: about <50Ω
- * Buzzer.
- * Power: 1.5V(LR44)x2
- * Weight: 100g (with battery)

Pocket Size

PRICE: 70 SR/Dhs

ZEI-GK5A Voltage Tester

Non-contact test.

CATII

AC voltage test range:-

- * 50 to 1000VAC By direct contact method.
- * Self-test.
- * Continuity test.
- * Used to detect microwave leakage.

LED Indication

PRICE: 20 SR/Dhs

ZEI-GK10 Voltage Tester

CATII

- * Voltage range: 12/24/50/120/230/400/600V.
- * Indication LED lights up to the voltage reading .
- * Frequency range: 0 ~ 60Hz

Pocket Size

PRICE: 35 SR/Dhs

ZEI-ETP101 Hygrometer

- o Current time and date display.
- o Time alarm function.
- o 12/24 hours clock.
- o °C/°F temperature.
- o Relative humidity and relevant comfort degree.
- o Real time indications of temperature and humidity fluctuation.
- * Temperature: -50°C to 70°C.
- * Humidity: 10%RH to 99%RH.
- * Clock: 12/24 hours, with alarm function.
- * Power: 1.5V AAA single.
- * Dimension: 101x108x23mm (WxLxT)
- * Weight: 130g (with battery)

3 in 1 Temperature, Humidity, Clock

PRICE: 39 SR/Dhs

ZEI-EM59 Distance Measurer

Easy to read LCD display for measurements and audio function when studs in wall are detected. Built-in calculator works out area, volumes, meter/feet conversions. Two-position measuring head. Pocket-size and durable.

Laser Pointer

- * Length: 300m.
- * Area: 18x18 m^2.
- * Volume: 5832 m^3.
- * MAX Range: 18m.
- * Accuracy: ±(0.5+1digit)(in still air).
- * Power: 9V battery (6F22).
- * Dimensions: (W×L×T):53×128×36 mm.
- * Weight: 100g (with battery
- * **PRICE: 70 SR/Dhs**

18m max range

Test & Measurement Instruments

ZEI-EM4809 Paper Moisture Meter

7 test modes to be selected, select one of them according to the species of the tree to be tested.

* Measurement range:5% ~ 42%.
* Accuracy: ±1% digit (moisture content).
* Power:9V battery (6F22).
* Dimensions(W×L×T):63×158×30 mm

PRICE: 80 SR/Dhs

7 Test Modes to be Selected

ZEI-TS530 Multifunction Detector

Auto calibration for easy operation. 4 in 1 function can detect: Metal, AC wiring, wood studs and 2m tape inside. LCD and sound signal indicate findings. Auto power off. Find metal and AC wiring in walls and ceilings, so you will not nail or drill into them. Auto marking button makes an indentation mark on. the wall.

* Stud mode: Wood stud of 30x30mm:≤14mm.
* Metal Mode: Iron pipe of Ø25mm: ≤30mm.
* Voltage mode: Typical depth of 50mm for 90~250V at 50/60Hz.
* Tape: 2meter.
* Power:9V batter (6F22).
* Dimension(WxLxT): 7.x180.x32mm
* Weight: 213g.(with Battery)

PRICE: 275 SR/Dhs

4 in 1
2m Tape inside stud/metal/AC wire detects

ZEI-EM415 Cable Tracker

The instrument is designed to identify and trace wires or cables within a group without damaging the insulation. For telephone line, it can identify some state in the line and more convenience to install, debug, maintain telephone line. There are a Sender and Receiver included in the cable tracker.

* Judge continuity of the cables or wires.
* Track the cables or wires, and diagnose the break point.
* Receiver the tone signal on the cables or wires (telephone line).
* Send a single solid tone or a dual alternating tone to the object cables or wires.

PRICE: 80 SR/Dhs

Trace the Wires & Cables

ZEI-EM419 Circuit Breaker Finder

No more guess or trial and error when it comes to locating the correct circuit breaker of fuse supplying electrical power to an outlet or lighting fixture.

* Power: 9V batter (6F22).
* Dimension(WxLxT): 90x186x38mm.
* Weight: 150g (with battery)

PRICE: 98 SR/Dhs

Easy for use

ZEI-UR4180 Ultrasonic Cleaner

Quick Clean glasses, Watch, Chains, Jewelry etc.
42,000Hz Frequency.
5 Min auto power off.
This instrument uses ultrasonic to make the liquid produce large amounts of tiny bubble which will explode severely.
The exploding of the bubble can cause strong wallop and negative pressure which can remove the dirt and kill the virus and bacteria.
Be able to clean various kinds of cloths, shoes, caps, etc. Be able to clean all kinds of golden or silver objects, glasses, etc. Be able to clean all kinds of electric components and SMD circuit board. Be able to clean all kind of small industrial parts.
Power: 110/220V
Dimension (WxLxT):184x128x113mm
Weight: About 900g.

PRICE: 158 SR/Dhs

Powerful But Gentle

ZEI-EW13 Water Leak Alarm

Loud (95dB) alarm.
Fully automatic operation, no wiring required. Floats and signals for up to 72 hours.
Low battery warning for optimum safety and performance.
Protect your home from water damage. Perfect for use near water heaters, sinks, dishwashers, sump pumps and more!.
Undetected water can cause thousands of dollars in damage to your property and belongings. Avoid the lost, keep a leak alert anywhere for the potential flooding or leaks.
Loud alarm sounds with direct water contact.

Power: 9V battery(6F22)
Dimension (WxLxT): 55x190x52mm.
Weight: About 250g.

PRICE: 23 SR/Dhs

Protect Your Home from Water Damage

Hand Crimping Tools

WHS-16WF
Ratchet Hand Crimping Tools (European Type)
Range of application :Wire-end ferrules
Capacity(mm2):6-16
AWG: 10-5
Length (mm): 203
Weight (kg): 0.4

WCT-150
Copper Tube Terminal Crimping Tools
Range of application: Big Y.O Terminal
Capacity(mm2):16.0-150.0
AWG: 8-250/300MCM
Length (mm): 765
Weight (kg): 5.2

CABLE STRIPPER AND CUTTER

WHS-300B/HS-500B
Energy Saving Ratchet Coaxial Cable Cutter and Wire Cutter
Attention :it couldn't be used to cut steel wires and coper hard dran wires
Length (mm): 235
Weight (kg): 1.0
Attention :it couldn't be used to cut steel wires and coper hard dran wires
Attention :it couldn't be used to cut steel wires and coper hard

LK-22A
Energy Saving Ratchet Coaxial Cable Cutter and Wire Cutter
Crimping section: chrominum steel
Plastic grip :Soft PVC
Cutting cooper and aluminum cable
Up to 22mm2
Length (mm): 160
Weight (kg): 0.19
Attention :it couldn't be used to cut steel wires and coper hard dran wires
Weight (kg): 0.9

HYDRAULIC CRIMPING TOOLS

WCPO-300B
Description:
Press tools is suitable for DIN, AWG, JIS;
There is a safe protective equipment of kacha voice when it reaches to high or low voltage;
Only one person can work;
Pump is connected to the tools, it can turn 180 degree when pressed on the head.
Model :CPO-300B
Range (mm2):Al Terminal 10-240
Cu Terminal 16-300
Output (T): 13
Stroke (mm): 22
Mould (mm2): 16, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300
Crimping type: Hexagon

Battery Crimping Tools

WEC-185

1, Motor: 14.4 VDC
2, Output force: 6 ton 180 degree swivel head
3, Dimension: 320 (L) x 310 (H) x 75 (W) mm
4, For crimping cable lugs up to 185 mm2
5, Standard die:mm2: with die 10-16, 25-35, 50-70, 95-120, 150-185
6,Applicable Range: DIN mm2: 10-185
7,AWG/MCM: 8/350
8,Weight: 3 kg
9, Accessories: 1 piece charger, 1 piece plastic carry case

HYDRAULIC CUTTER

WCPC-20A

Cutting head provide fast cutting with remote operation;
All units can be operated by any hydraulic pump with the maximum oil pressure of 700 kg/cm2
(10,000);
All units are equipped with PT 3/8 high pressure couplers;
PT-NPT adapters are available on request for NPT 3/8 treaded couplers;
Guillotine type cutters feature less jamming than shear type cutters;
No set-up time required;
All blades are easily replaceable;
180 degree rotate heads allow easy cutting position.

Model		CPC-20A
Output (T)		4
Length (mm)		675
Wire rope (mm)	6×7 Hemp core	20
	6×12 Hemp core	20
	6×19 Hemp core	20
Round bar (mm)	Soft copper bar	20
	Soft aluminum bar	25
	Soft steel bar	25
	Reinforcing bar	25
Wire strands (mm)	Bare copper strands	32
	Bare aluminum strands	32
	ACSR	32
	1×7 guy steel wire strands	32
	1×19 guy steel wire strands	32
Cable (mm)	Telephone cable CCP	---
	Lead sheathed cable	---
	Underground cable	32

Electric Cutting Tools

WEC-52

Descrimption:
1, For cutting copper and aluminum cable up to 500 mm2 (AWG 750 MCM)φ 50 mm
2, Drive unit: 14.4 VDC
3, Dimension: 106 (L) x 376 (H) x 118 (W) mm
4,Weight: 2 kg
5, Accessories: 1 piece charger, 1 piece plastic carry case

SPLIT UNIT HYDRAULIC PLIER

WCO-300

It is suitable for outside and inside project of the distributor house. It is the special tools for all kinds of connecting and kinds of connecting and building over head cable;
It pressed tightly on 10kv-500kv high voltage cable casing pipe, cable clips ends and hexagon shape;
We will develop the titanium alloy material to decrease the work deal, match pump CP-180,CP-700, CP-700-2A, CFP-800, DYB-63A;
Welcome to order special specification tools.
Model: CO-300
Range (mm2):Al 10-240
Cu 16-300
Output (T): 13
Stroke (mm): 22
Standard mould (mm2): 16, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300
Crimping type: Hexagon

HYDRAULIC COMPRESSION HEAD

WCO-100S

Super quality and high ability of anti-tension because of the high carbon steel material and CNC
computer process;
Tools can calculate the compress scale according to the object;
Single return can match single return pump 100 Ton、 double return matches CTE-25AD pump or
Japanese double return control pump;
When work outside, it can match engine generator or engine pump 8-12 seconds every time, quick
and safe;
The metal tools are made according to national standard.
Model: CO-100S
Output (T): 100
Piston travel (mm): 24
Weight (kg): 33
Dimension H×W (mm): 370×180
Use scale (mm): Cu Al 76 mm
Steel 36 mm
Remark: CTE-25AD

Screw Destroyer

WFYP-41

When the nuts get rusted, this nut cutting machine is the most time-saving, force-saving tool, no
need power;
You also can choose YP-24 for over head working, only need one person;
Match pump CP-180、CP-700、CFP-800.

Model: FYP-41
Max. cutting force (T): 20
Max. travel (mm): 20
Size of nut:M22-M27
Length (mm): 260
Weight (kg): 4.5

Model	Max. cutting force (T)	Max. travel (mm)	Size of nut	Length (mm)	Weight (kg)
FYP-41	20	20	M22-M27	260	4.5

ANGLE IRON CUTTING TOOLS

WCAC-100

CAC series is specialized in cutting angle iron;
The tools has the advantage of quick cutting, no scrap iron, smooth surface of cutting flat;
It is suit for using in bridge,high pressure of iron tower and anyplace where need use such tool;
It can work outside, convenient carry and simple operation. Match pump CP-700,CP-700-2A,CFP 800,DYB-63A.
Model: CAC-100
Output (T): 30
Range (mm): 100 ×100 ×10
Dimension (mm): 320 ×190 ×450
Weight (kg): 31

BRASS BENDER

WCB-150D

It is suitable for auto-control distributor project for on-off case and distributor and easy to carry.
CWC-200V is an unique product for its flat brass cutter;
Bent brass cutter or bentAluminum cutter with 90 degree will not hurt the brass material;
CB-150D can be opened up, when bending long brass sheet N shape or L shape can pull the lock out, so you can take the whole one freely;
There is an indication of 90 degree and 45 degree;
Match pump CP-700, CP-700-2A, CP-800, DYB-63A.
Model: CB-150D
Thickness of sheet (mm): 10
Width of sheet (mm): 150
Output (T): 16
Weight (kg): 23

Hydraulic Puncher

WCH-70

CH-60、CH-70 hydraulic puncher hole machine is specialized for the hole digging of corner steel、flat steel、 brass plate and other metal material, especially for electric power building and other
industry filed operation;
SYD-35 metal digger is an advanced hand hydraulic tool which can dig the holes in the stainless
steel sheet with the thickness less 1.5mm the press equipment can not do like this, easy operation,
force-saving, quick; Smooth finished surface, not limited by place and location.

Model: CH-70
Thickness (mm): 12
Output (T): 35
Depth of throat (mm): 110
Weight (kg): 28
Mould (mm): 3/8 " (Φ10.5), 1/2 " (Φ13.8), 5/8 " (Φ17), 3/4 " (Φ20.5)
Remark: Can match CP-700 or ZCB-6-5

HYDRAULIC PUMP

WCP-700

Use 2M high pressure oil tube, with fast connection point;
Use R32 super circulation oil or SHLL T-15;
PT 3/8 pipe connection;
Oil must be changed every half year;

Model: CP-700
Max. output (Kg/cm²/psi): 700/10,000
Output (psi): Low pressure 350
High pressure 10,000
Storage oil (cc): 900
Weight (kg): 9

ELECTRIC HYDRAULIC PUMP

WCTE-25AS

- Use 2M high pressure oil tube, with fast connection point;
- Use R32 super circulation oil or SHLL T-15;
- Output pressure 700kg/cm2 10,000 psi;
- PT 3/8 " pipe connection;
- Single return route;
- Oil must be changed every half year;

Model	Max.output (kg/cm2)		Oil delivery (L/min)		Voltage (V)	Storage Oil (L)	Weight (kg)
	Low	High	Low	High			
CTE-25AS	20	700	2.6	0.32	50/220	4	15.2

Hydraulic Jack

WRCH Series
Hollow hunger design allows for both pill and push forces;
Single-acting spring return;
Baked enamel finish for increased corrosion resistance;
Collar threads for easy installation.

Model	Tonnage (T)	Tracey (mm)	Weight (kg)
RCH-2050	20	50	7.7
RCH-20100	20	100	14
RCH-3050	30	50	10.9
RCH-30100	30	100	21.8
RCH-6050	60	50	28.1
RCH-60100	60	100	35.4
RCH-10075	100	75	63

PIPE CRIMPING TOOL

WCW-2540
Crimp copper pipe, stainless steel pipe and cooper pipe sleeve. It is also used of crimping the water pipe, electric pipe and chemical pipe.
Model:CW-2540
Output (T): 8
Range: 25-40
Mould (mm): Φ25, Φ32, Φ40

INTEGRAL-UNIT HYDRAULIC GEAR PULLER

WCK Series
Using new type hydraulic gear puller is convenient for operating;
Workers can exchange two jaws and three jaws freely in the scene working;
The puller can be touched working center quickly after rotary according to the distance between
puller and piston center;
It can choose pump freely;
The jaws with three can be adjusted from high to low point.

Model	Output (T)	Spread (mm)	Reach (mm)	Ares travel (mm)
CK-5	5	200	140	50
CK -10	10	250	160	50
CK -20	20	350	200	50
CK -30	30	400	250	50

Split Unit Hydraulic Pipe Bender

WCPB Series

It is suit for common water pipe, wire pipe, carbon steel pipe, thick wall conduit tube, bend the angle with 90 degree;

1/2 " -2 " can be shaped 90 degree on time, 2 1/2 " -4 " can reach suitable radian which must remove pipe and bend pipe five times.

Model:	CPB-2	CPB-3	CPB-4
Output (T):	10	19	22
Travel (mm):	250	320	415
Range (mm):	Ø21.3- Ø60	Ø21.3- Ø88.5	Ø21.3- Ø108
Mould:	1/2 " , 3/4 " , 1 " , 1 1/4 " , 1 1/2 " , 2 " , 2 1/2 " , 3 " , 4 "		
Thickness (mm):	2.75-4.5	2.75-4.5	2.75-6
Weight (kg):	53	116	156

MULTI FUNCTIONAL LINE PRODUCTIONMACHINE

Item: Multi-functional line production machine
Item no.: EPCB-301

This is a function of the body composition of a number of professional design, perfect to avoid consideration of human waste, that is, in working hours, with consistent operating procedures, personnel engaged in handy, have a high efficiency, high-quality works perfectly;

Overall shape bright colors, paint the surface and the skin-phosphate rust-proof handle, wearresistant impact;

Mirror handle the face, after grinding desktop and chrome, showing the precise smooth face;

Four position switch precise valve control guidelines, is the correct use of punching machine, bend board tools, cutting tools location;

Footswitch security firm, can control the import and return to oil;

Model	EPCB-301
Function	Cut, impact hole, bend
Voltage	220V, 50Hz, Single phase
Rating work oil pressure	700 kgf/cm2 (safety enactment value of overtop press)
Cut board output	25 Ton
Cutting range	**Copper and Aluminum board** Width 150mm, Thickness12mm
Punch output	30 Ton
Punching range	**Copper and Aluminum board** Width 150mm, Thickness12mm
Punch mould	Dia 3/8"(10.5mm), 1/2"(13.8mm), 5/8"(17mm), 3/4"(20.5mm)
Bend output	25 Ton
Bending range	**Copper and Aluminum board** Width 150mm, Thickness12mm

Mini Micro Switch Long Lever

ZCZ-ZW7-1

PRICE: 8 SR/Dhs

ZCZ-ZWD-0

PRICE: 10 SR/Dhs

ZCZ-ZWD-2

PRICE: 12 SR/Dhs

ZCZ-ZW7-2

PRICE: 8 SR/Dhs

ZCZ-ZW7-4

PRICE: 8 SR/Dhs

ZCZ-ZW7-5

PRICE: 8 SR/Dhs

ZCZ-ZW7-6

PRICE: 10 SR/Dhs

ZCZ-ZW7-8

PRICE: 8 SR/Dhs

ZCZ-ZW7-9

PRICE: 8 SR/Dhs

Code M

Police Car Light Alarms

WBM-LTF-3000H Explosive Flash Light
Specifications:- Color: Orange & Red. Voltage: DC12. 24V. Power Rate: 273W. Net Weight: 15.3kg.
PRICE: 1,913 SR/Dhs

WBM-LTF2-3000J Rotating Light
Specifications:- Color: Orange & Red. Voltage: DC12V. 24V. Power Rate: 273W. Net Weight: 15.3kg.
PRICE: 1,388 SR/Dhs

WYS-TBD3000LED Strobe Light
Specifications:- Color: Orange & Red. LED light.
Length 1.2 meter.
Voltage DC 12V
PRICE: 2,250 SR/Dhs

WYS-TBD3000LIII White Shark Strobe Full Light
Clear cover egg shape. Light source adopt high xenon strobe light bulb, double deck light. Super stratum 8 pcs strobe bulb, substrate 14 pcs shoot light,2 pcs alley light,2 pcs place light. 1 pcs 100W speaker in the mid-light. Length: 1200mm. Voltage: DC12V. Power: 290W. Speaker: 100W.
PRICE: 2,250 SR/Dhs

WYS-TBD4000LII Strobe Light
Features:- Beautiful appearance, fluent line, can fully embody policeman's stateliness, adopt high-power lamp tube, high brightness. Suitable for police car and off-road jeep. Length:1200mm. Voltage: DC12V. Power:180W. Speaker: 80W/100W/150W
PRICE: 1,978 SR/Dhs

WYS-TBD4000LED Polygon-Shaping Light Bar
Specifications:- Color: Orange & Red. LED light.
Length 1.2 meter.
Voltage: DC 12 V.
PRICE: 2,250 SR/Dhs

WBM-LTF2-A60/J Pillow Light Bar Rotating Light
Specifications:- Voltage: 12V. 24V. Power Rate: 46W. Net. Weight: 3.8 kg.
PRICE: 317 SR/Dhs

WBM-LTF2-A60/B Pillow Light Bar Explosive Flash
Specifications:- Voltage: 12V. 24V. Power Rate: 46W. Net Weight: 3.8 kg.
PRICE: 591 SR/Dhs

WYS-LTD2D60 Strobe Light
Length:500MM. Rated Voltage: DC12V /24V. Power: 110W. Net Weight: 8KG. Speaker out put.
PRICE: 544 SR/Dhs

WYS-LTD2W60 Rotating Light
Voltage: DC12V /24V.
Rotating Light
PRICE: 272 SR/Dhs

WYS-LTD5D50 Short Warning LED Light
Voltage: DC12V /24V
Short warning LED light.
PRICE: 956 SR/Dhs

WYS-LTE50L All Directions Strobe Light
Features: LTE50LI minibar features of super-thin appearance, clear figure and hexagon shape of unique personality. Rated Voltage: DC12V. Power: 110W. Net Weight: 8Kg. Color: red/blue/amber. Bulb:Xenon strobotron, Halogen bulb.Dome:PC material
PRICE: 956 SR/Dhs

Riot Control Equipments

ZAN-SD-9530
Riot Shield
Size: 900x500x3mm
Material: polycarbonate
Adjustable Velcro belt
Aluminum handle
PRICE: 248 SR/Dhs

ZAN-SD-R1530
Riot Shield
Size: 1000x500x3mm
Rubber surround bar
Material: polycarbonate
Adjustable Velcro belt
Aluminum handle
PRICE: 282 SR/Dhs

ZAN-SD-9635S
Riot Shield
Size: 900x6500x4mm
Material: Fiberglass
Adjustable Velcro belt
Aluminum handle
PRICE: 620 SR/Dhs

ZAN-WG-02
Wind Glass
Material of glass: Polycarbonate
PRICE: 79 SR/Dhs

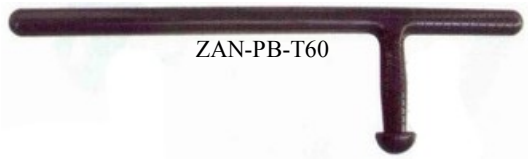
ZAN-RB-40

ZAN-RB-48

ZAN-RB-62

ZAN-RB-T60

ZAN-RB-85


ZAN-PB-T60

ZAN-PB-51B

ZAN-PB-63

ZAN-RH-11B
Anti riot proof helmet
PRICE: 197 SR/Dhs

ZAN-RH-12B
Anti riot proof helmet
PRICE: 226 SR/Dhs

ZAN-RH-13B
Anti riot proof helmet
PRICE: 282 SR/Dhs

ZAN-RH-N12B
Anti riot proof helmet
PRICE: 282 SR/Dhs

Model	Material	Weight	Length	Diameter	Core Material	PRICE SR/Dhs
ZAN-RB-48	Rubber	550g	48cm	2.5cm	Spring Steel	23
ZAN-RB-50	Rubber	640g	50cm	3.2cm	Spring Steel	23
ZAN-RB-40	Rubber	245g	40cm	2.6cm	Fibre	34
ZAN-RB-62	Rubber	820g	62cm	3.0cm	Fibre	45
ZAN-RB-T60	Rubber	865g	60cm	3.0cm	Spring Steel	51
ZAN-RB-85	Rubber	700g	85cm	2.5cm	Fibre	90
ZAN-PB-T60	Polycarbonate	550g	60cm	3.0cm	-	68
ZAN-PB51B	Polycarbonate	160g	51cm	2.8cm	-	34
ZAN-PB63	Polycarbonate	250g	63cm	3.0cm	-	56

Personal Safety Equipments

ST. GLOVE Anti Cutting STAINLESS STEEL Mesh Gloves. DIN EN 1082:1996

These gloves are sold per single piece. Each Glove can be used for Left or Right Hand Use. The gloves come from the factory in Standard Left Hand. To use for right hand, please reverse the Glove and it will become a Right Hander. The information provided below have been written by the manufacturer and it's for your personal protection. Please reviews them carefully as to safe guard your hands and your technical personal hands. Please make sure that all users have completely understood the safety instructions and are observing them.

Material Type: The St. Glove is constructed of 316 Stainless Steel heavy duty woven wire material. St. Glove has been manufactured from an electric conductive material and may not be used near systems carrying voltage.

Caring for your St. Glove: Clean the St. Glove including the band after each use, St. Glove withstands temperatures up to 150° C, If no special devices are available to clean or sterilize the gloves, we recommend cleaning your glove with warm water (aprox. 50° C) and adding standard cleaning agents. Brush off the gloves vigorously in the process, DO NOT; under any circumstances allow the gloves to strike any hard surfaces.

Areas of Application:- St. Glove provides your Hands and Fingers the protection from cuts from knife and sharp objects. These gloves are applicable for the following industries:
Manual Grinding Industry, Manual Tooling Industry, Underwater Repair Work (since skin becomes extremely venerable to cuts), Manual Wood and Metal Carving Industry, Manual Meet/Poultry/Fish Processing Plants, Manual Food Processing Industry, Home and Industrial Kitchens. Wear St. Glove only when using hand knives and Sharp objects, Hang your St. Glove protective equipment in dry cabinets when storing for long periods.

Usage:
Slip on the glove. Hold your hand palm up and grasp the buckle. (The slit on the edge of the hand is covered by means of specific material processing). Now bring the buckle and tighten it around toward the reversible push button, then close the push button snap. The snap button and buckle ensures that the slit on the edge of the hand remains closed while you are working. The tight grating of the ring clasps allows the glove to be adjusted individually to the circumference of the wearer's wrist. Do not use the cuffed modules without the wrist fastener. !!!

Sizes:ZSTAINLESSGLOVE-S
ZSTAINLESSGLOVE-M
ZSTAINLESSGLOVE-L
ZSTAINLESSGLOVE-XL

PRICE:799 SR/DhsSingle Hand Piece.

ELECTROSOFT
NF EN 60903
CEI / IEC 903

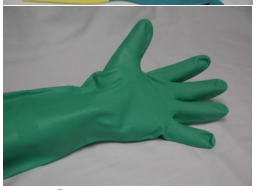
SOFRAF ELECTROSOFT - 1000 Volt Electrical Shock Resistance Gloves.
Specifications: Proof Tested at 5000 Volts, Maximum Voltage use 1000 Volts, Available Sizes 8,9,10,11RECOMMENDATIONS DURING USAGE:
Keep the gloves In a dry, dark place at a temperature from 50° to 70° Fahrenheit. When gloves become soiled they should be washed with soap and water at a temperature not exceeding 150° Fahrenheit, thoroughly dried and dusted with talc. If Insulating compounds such as tar and paint continue to stick to the gloves, the affected parts should be cleaned immediately with a Suitable solvent avoiding excessive use, and then immediately washed and treated as prescribed. Petrol, paraffin or-white spirit should not be used to remove such compounds. Gloves which become wet in use or cleaning must be dried thoroughly without causing the temperature to exceed 150° Fahrenheit Gloves that are used frequently should be tested' at intervals less than 6 months. Gloves that are used only occasionally should be tested after each use and, in any case, at intervals of not more than 12 months. Gloves held in stock should be retested at Intervals not exceeding 12 months. **Made in France**.

PRICE: 290 SR/AED

HEAVY DUTY GLOVES
SIZE 10
INDUSTRIAL GLOVES

HEVEA-PRENE GLOVES (Color Blue/Yellow).
Chemical Resistant Heavy Duty Gloves.
Hevee-Prene Gloves are produced with a combination of sophisticated dipping technology and a special formulation of polychloroprene over natural rubber latex.

PRICE: 39 SR/Dhs



HEVEA-PRENE GLOVES (Color Green).
Oil & Greece Resistant Heavy Duty Gloves.
Hevee-Prene Gloves are produced with a combination of sophisticated dipping technology and a special formulation of polychloroprene over natural rubber latex.

PRICE: 27 SR/AED

SAFETY HELMET.
ZHAT-SP Made in Spain: **PRICE: 27 SR/Dhs**
ZHAT-UK Made in the UK: **PRICE: 22 SR/Dhs**
ZHAT-CH Made in China: **PRICE : 15 SR/Dhs**

SOFAB Hat
PRICE: 5 SR/Dhs

GENERAL USE GLOVES.
Made in China
PRICE: 3.5 SR/Dhs

SOFAB Tool
PRICE: 10 SR/Dhs

Swann Sirens

Hand Operated Sirens: Hand Operated Sirens are popularly used for Civil Defense, Camping, Mountain Rescue, Flood, Frontier Sentry and Coast Guard, Household Use, Firefighter Use, Mining and Construction Sites, Schools ...

WTL-LK-100
Outdoor Rating: 110±2dB(C) @ 1m
Frequency: 550Hz Nominal
(dependent on rotation speed)
Construction: Aluminum siren
Weight: 1.2kg
PRICE: 334 SR/Dhs

WTL-LK-120
Outdoor Rating:120dB±2 (C) @ 1m
Frequency: 600Hz Nominal (dependent on rotation speed)
Construction: Aluminum siren, steel frame
Weight: 9kg
PRICE: 797 SR/Dhs

Small Industrial Motor Sirens: Small Industrial Motor Sirens are popularly used to meet the current international standard for safety, which require the installation warning devices in industrial environments in order to attract the attention of the operator and to indicate a dangerous or emergency situation.

WTL-LK-SCL

VAC	12	24	48	110	230	240
A	17.4	8.8	6.2	1.9	1.0	1.1
dB(A)1m	114	115	116	116	116	117
Hz	900	900	1000	1000	1000	1050
N/W(Kg)	1.5					
PRICE	241 SR/Dhs					

WTL-LK-CT

VAC	110	230	240
A	1.9	1.0	1.1
dB(A)1m	113	113	114
Hz	1000	1000	1050
N/W(Kg)	3.5		
PRICE	388 SR/Dhs		

Large Electro Mechanical Sirens: Large Electric Motor Sirens are popularly used in Civil Defense Warning Systems, and also are very effective in the Warning Systems of Fire Fighting, Community, Major Factories, Mining Industry, Public Buildings, Jails, Airports, Military Bases, Police Stations, Reservoirs, Forests, Wharf, or used in the Warning Systems for Natural Disasters of Earthquake, Tsunami, Flood, etc ...

WTL-LK-JDL480
Sound Rating: 128±2dB(A)@1m.
Electric Motor: 4.0Kw,
380/400/440VAC, 50/60Hz.
IP Rating: IP44.
Output Frequency: 500/560±20Hz.
Net weight: 80Kg.
PRICE: 5,219 SR/Dhs

WTL-LK-M2
Sound Rating: 123±2dB(A)@1m.
Electric Motor: 1.5Kw, 48VDC or
110/220/230/240VAC, 50/60Hz.
IP Rating: IP44.
Output Frequency: 444/533±20Hz.
Net weight: 22Kg.
PRICE: 3,281 SR/Dhs

WTL-LK-STH10B
Sound Rating: 134±2dB(A)@1m.
Electric Motor: 7.5Kw,
380/400/440VAC, 50/60Hz.
Output Frequency: 500/560±20Hz,
586/6444±20Hz.
IP Rating: IP44. Net weight: 80Kg.
PRICE: 9,375 SR/Dhs

Explosion Proof Electro Mechanical Sirens: Explosion proof electromechanical sirens are special sirens with IP rating of IP55 Exd ll BT4, which are widely used in fire or accident warning systems of some dangerous area, such as oil fields, chemical factories, gas stations, oil storage, etc…WTL-LK-JDW400B,WTL-LK-JDW450B are made for horizontal mounting.

Swann Sirens

WTL-LK-100P

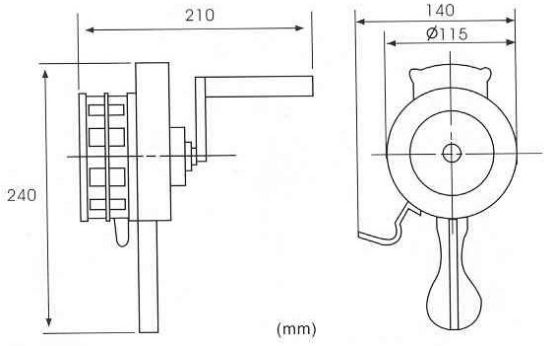
Sound Rating : 110 ± 2dB(A)@ 1m

Output Frequency : 550 ± 20Hz

Net Weight : 0.6kg

Packing Size : 15.5x14.5x16cm

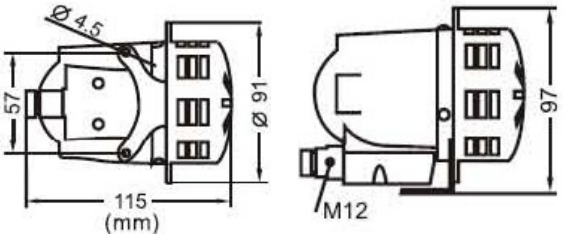
Material : mainly made of durable ABS plastic



PRICE: 290 SR/Dhs

WTL-LK-MCL Self - extinguishing

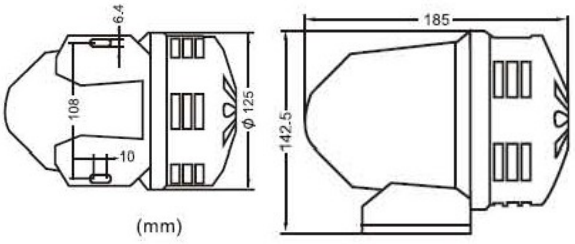
V	12	24
A	2.4	1.4
Db (a) 1m	101	102
Hz	1400	1500
N/W (kg)	0.35	
Packing Size (cm)	11x9.5x9.5	



PRICE: 239 SR/Dhs

WTL-LK-MX Self - extinguishing

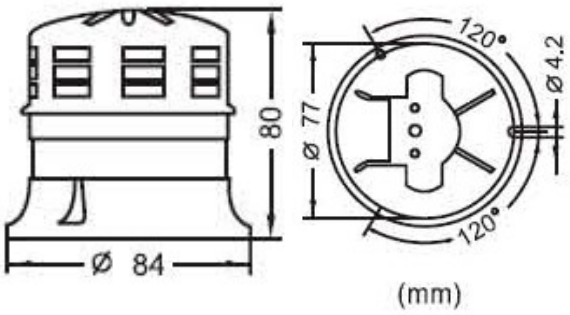
V	12	24	48	110	230
A	17.4	8.8	1.9	1.0	1.1
Db (a) 1m	114	115	116	116	117
Hz	900	900	1000	1000	1050
N/W (kg)	1.25				
Packing Size (cm)	19x14x15.5				



PRICE: 320 SR/Dhs

WTL-LK-MW10N Self - extinguishing

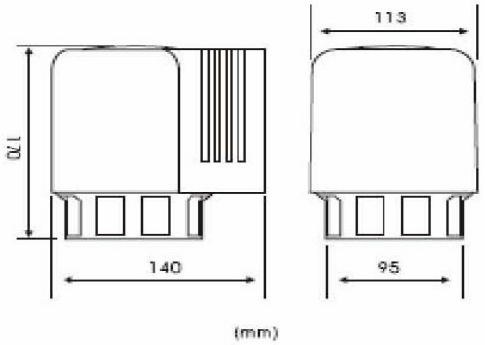
V	12	24
A	0.8	0.5
Db (a) 1m	101	98
Hz	1150	1300
N/W (kg)	0.18	
Packing Size (cm)	9.5x9.5x9	



PRICE: 149 SR/Dhs

WTL-LK-SW Self - extinguishing

V	110	230
A	2.7	1.0
Db (a) 1m	120	120
Hz	1300	1300
N/W (kg)	1.5	
Packing Size (cm)	18x13x15.5	

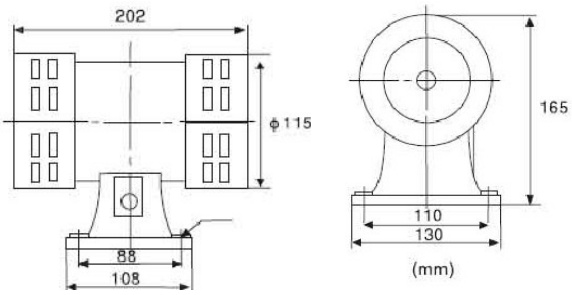


PRICE: 680 SR/Dhs

Swann Sirens

WTL-LK-JDW105 **Self - extinguishing**

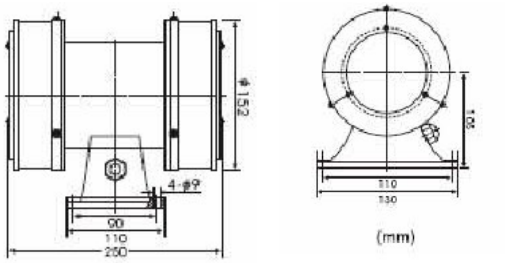
V	12	24
A	0.8	0.5
Db (a) 1m	101	98
Hz	1150	1300
N/W (kg)	0.18	
Packing Size (cm)	9.5x9.5x9	



PRICE: 3,550 SR/Dhs

WTL-LK-JDW145

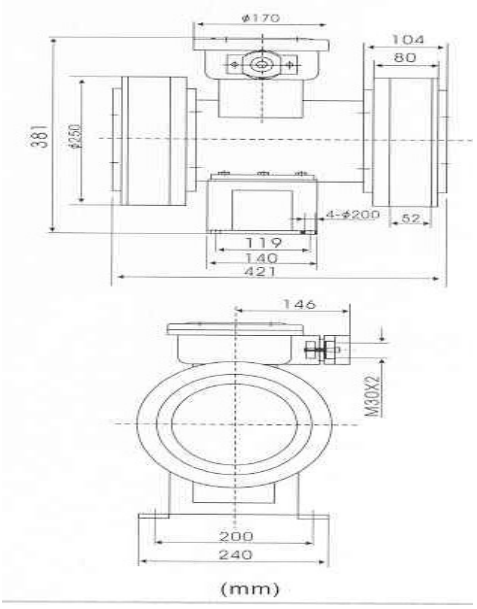
Sound Rating : 123 ± 2dB(A)@ 1m
Electric Motor : 0.4KW,110/220/230V,50/60Hz
IP Rating : IP44
Output Frequency : 700/760 ± 20Hz
Net Weight : 5.5kg



PRICE: 4,280 SR/Dhs

WTL-LK-JDW245B

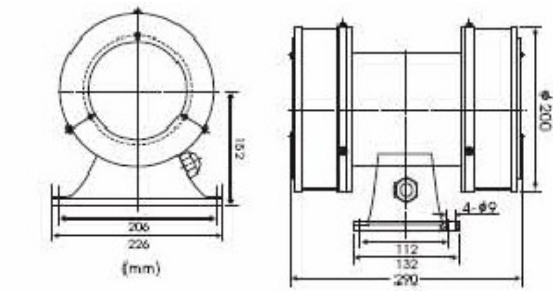
Sound Rating : 130 ± 2dB(A)@ 1m
Electric Motor : 0.75KW,110/220/230V, AC,50/60Hz
IP Rating : IP55 Exd ll BT4
Output Frequency : 530/580 ± 20Hz
Net Weight : 39kg
Packing Size : 45x30x48cm



PRICE: 5,906 SR/Dhs

WTL-LK-JD188

Sound Rating : 131 ± 2dB(A)@ 1m
Electric Motor : 7.5KW,380/400/440V,50/60Hz
IP Rating : IP44
Output Frequency : 500/560 ± 20Hz
Net Weight : 100kg
Packing Size : 98x98x85cm



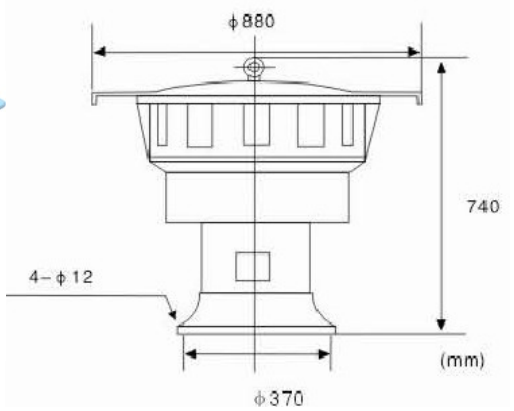
PRICE: 6,708 SR/Dhs

Swann Sirens

WTL-LK-JDL550

Sound Rating : 131 ± 2dB(A)@ 1m
Electric Motor : 7.5KW,380/400/440V,50/60Hz
IP Rating : IP44
Output Frequency : 500/560 ± 20Hz
Net Weight : 100kg
Packing Size : 98x98x85cm

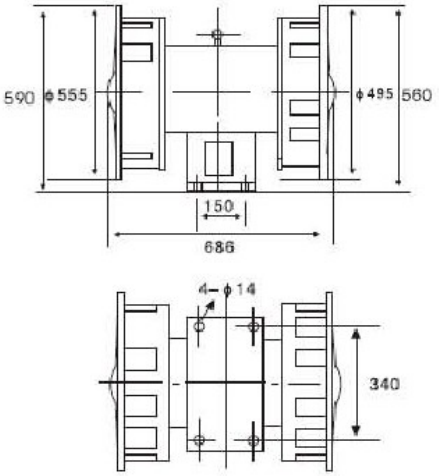
PRICE: 8,563 SR/Dhs



WTL-LK-JDW450-2

Sound Rating : 123 ± 2dB(A)@ 1m
Electric Motor :
1.5KW,110/220/230/240V,50/60Hz
IP Rating : IP44
Output Frequency : 444/533 ± 20Hz
Net Weight : 26kg
Packing Size : 54x54x75cm

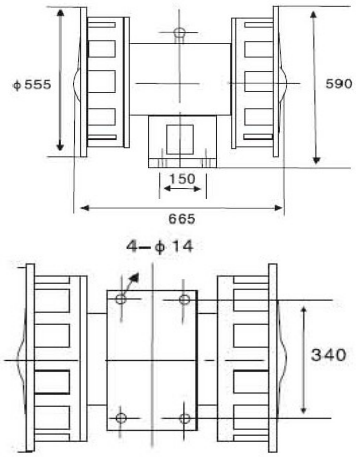
PRICE: 7,031 SR/Dhs



WTL-LK-JDW400B

Sound Rating : 128 ± 2dB(A)@ 1m
Electric Motor : 3.0KW, 380/400/440V, 50/60Hz
IP Rating : IP55 Exd ll BT4
Output Frequency : 500/580 ± 20Hz
Net Weight : 75kg
Packing Size : 55x50x1cm

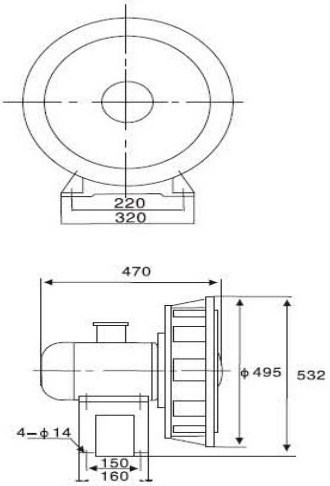
PRICE: 8,437 SR/Dhs



WTL-LK-JDW450B

Sound Rating : 133 ± 2dB(A)@ 1m
Electric Motor :
7.5KW,380/400/440V,50/60Hz
IP Rating : IP55 Exd ll BT4
Output Frequency : 500/560 ± 20Hz
Net Weight : 147kg
Packing Size : 75x63x71cm

PRICE: 13,625 SR/Dhs



Electrical Buzz Bar System for Buildings & Towers:

System consist of Buzz Bar, End Feed Unit, End Feed Circuit Breaker, MCCB Tap Off Box used in each floor to distribute electricity to the each floor.

Required Questions that must be provided before a quotation is made:

a. **Total Ampere Required in the building**
b. **Ampere Required per Floor**
c. **Floor Height in Meters**
d. **Number of Floors in the Building**

If Roof Mounted A/C or Chiller System is used, then Assume 400 Amps as Roof Load Capacity

Note: Standard Office Load is 100 Amps for each office
Large Office Load is 150 Amps for each office
Standard Apartment Load is 60 Amps for each apartment
Minimum Apartment Load is 30 Amps fro each apartment

1. Aluminum Material Tin Coated Buzz Bar Systems in the following capacities:
400/630/800/1000/1250/1600/2000/2500/3200/4000/5000 Amps
a. (Europe & Saudi Standards) Available in 4 conductor RST N or
b. (GCC Countries mainly Bahrain and UAE Standards) Available in 5 conductor RST N S
It is recommended that above 1600 amps a second Buzz Bar system is used rather then a single Buzz Bar of 2000 or more Amperes.
2. Cooper Material Tin Coated Buzz Bar Systems in the following capacities:
400/630/800/1000/1250/1600/2000/2500/3200/4000/5000 Amps
a. (Europe & Saudi Standards) Available in 4 conductor RST N or
b. (GCC Countries mainly Bahrain and UAE Standards) Available in 5 conductor RST N S
It is recommended that above 1600 amps a second Buzz Bar system is used rather then a single Buzz Bar of 2000 or more Amperes.

End Feed Circuit Breaker MCCBs (Used to connect government electricity to building Buzz Bar System) come in the following capacities:
400/630/800/1000/1250/1600 Amps
End Feed Units (Used to Connect the End Feed Circuit Breakers to) are Rated per the following capacities:
400/630/800/1000/1250/1600/2000/2500/3200/4000/5000 Amps
Tap Off MCCB Box (Used to connect the power to the Floor Distribution Board)
63/125/160/250/400/630/800/1000 Amps

WWSD-CASHBAG1
Cash Bag - Long Edge Zip Ref: 3625
Cash Bag - Long Edge Zip
Envopolyseal® provides tamper evident protection
Brass zip offers high level of security
Brass eyelet enables bags to be hung up for easy storage
Information window for identifying contents
Also available in plastolene material for visibility of contents
Applications
For secure transportation, protection & storage of cash & keys 330x285x38
PRICE : 149 SR/Dhs

Compact Hand Held Radiation Detector

The ZGR-RT-20 HANDY SCINT is a robust and compact hand held radiation detector specifically designed to quickly scan for radioactive materials. The ruggedness, small size and light weight of the ZGR-RT-20, combined with its sensitive Gamma Ray scintillation detector makes it a versatile instrument for quick measurements in a large variety of applications.

PRICE: 34,652 SR/Dhs

- Compact and
- Rugged design
- Easy to Use
- One Button
- Operation
- Eyes free Scanning
- 2-year Warranty

The ZGR-RT-20 is an ideal instrument for quickly and simply surveying people, surfaces, packages or materials, in various combinations and in most situations. An alternative model with extensible telescopic arm and carrying strap, the RT-21T is available for ease of operation when tall objects are to be scanned.

The small size and light weight of the ZGR-RT-20 together with the balanced handle equipped with a single push button, allows for easy one handed operation. A loud variable pitch audio tone, proportional to the intensity of the gamma radiation detected, provides eyes free searching.

The ZGR-RT-20 features a large numeric LCD display showing either actual counts per second (cps) or dose rate (based on equivalence to Cs 137). For working in potentially dangerous situations, a maximum allowed dose rate or cps rate can be set to trigger an acoustic alarm warning.

The ZGR-RT-20 HANDY SCINT has an IP65 dust and water resistant, lightweight aluminium casing with a detachable plastic boot for additional protection under harsh environments. The unit is powered by a battery pack containing four AA type batteries (Alkaline or Rechargeable). A fully automatic charger is integrated in the unit for use with rechargeable (NiCd or NiMH) batteries.

Applications

- Hospitals
- Nuclear facilities
- Waste Recycling and Incineration plants
- Scrap metal recycling
- Research laboratories
- Production facilities
- Geophysical survey
- Security and surveillance operations

Compact Hand Held Radiation Detector

ZGR-RT-20

Technical data

Detector
NaI(Tl), dimensions 30 x 30 mm (1.18” x 1.18”),
21 cm3 (1.3 in3) integrated with bi-alkali PMT

Sensitivity
60 cps/1MBq for 137-Cs in the free space at 1 m distance

Energy range
30 keV - 3,5 MeV

Acoustic indication
miniature piezo speaker, audio frequency is proportional to measured count rate

Display
reflective 7 segment LCD, 4 1/2 digits, maximum 19999

Operation
single push button, thumb activated; ON/OFF function and background reset

Power supply
4 "AA" type battery, rechargeable (NiCd or NiMH) lifetime typ. 50 hours of operation at 20 °C for 2,0 Ah NiMH or non-rechargeable (alkaline) 80 hours of operation at 20 °C for alkaline battery 2,8 Ah. Automatic charger is built into the unit.

Environmental
Working temperature range: -10 °C - +50 °C
Storage temperature range: -20 °C - +60 °C
IP65 Water and Dust resistant

Dimensions
l x w x h: 220mm x 65mm x 145mm
Weight: 1,3 kg including the batteries

Warranty
2-Year Warranty

ZGR-RT-20 Standard Delivery
RT-20 with protection boot.
Battery Pack with 4 AA-type Batteries.
Mains adaptor.
User manual.
Standard case for storage and transportation

PROPERTIES

- **Sensitive NaI/Tl crystal**
- **Numeric LCD display maximum 19999**
- **Counts per second (cps) or Dose rate**
- **Sampling rate 4 per second**
- **Adjustable audio threshold**
- **Automatic warning of high dose rate**
- **Plastic protection boot**
- **Water and Dust resistant (IP65)**
- **Lightweight and well balanced 1,3 kg**
- **Fully automatic battery charger integrated in unit**

Code J

Hand Held Isotope Identification Instrument

The ZGR-RT-30 SUPER IDENT series introduces a new generation of compact handheld isotope identification instruments. The ZGR-RT-30 integrates a radiation survey meter, dose meter and radionuclide identification device in a weather protected, lightweight and easy to use instrument.

The large volume scintillation detector provides high sensitivity paired with excellent resolution for fast and reliable isotope identification. Together with optional GM tube and Neutron detector, the ZGR-RT-30 series is the right answer to all scanning applications under most difficult conditions.

- **Highest Sensitivity**
- **Fast and Reliable Isotope Identification**
- **Lightweight, Rugged and Compact design**
- **One Button Operation**
- **Automatic Stabilisation on Natural background**
- **USB and Bluetooth connections**
- **Weather protected**
- **2-Year Warranty**

Quickly determining the location of lost radioactive sources in the environment or scrap, monitoring of waste in hospitals or waste incinerators, scanning people or baggage to disclose illicit trafficking of nuclear materials; all are typical applications for the ZGR-RT-30 series.

SOFAB is acknowledged as a foremost producer of innovative radiation detection products, devices and solutions. Highly sophisticated and optimized algorithms are part of the state-of-the-art design of the ZGR-RT-30.

Built-in Bluetooth connectivity allows for integrated GPS location with the measurement. It also provides access for wireless headsets for audio feedback in high noise areas.

The versatile GeoView software package provides all necessary data download onto PC, data presentation and evaluation for multiple instruments in an orderly way. SOFAB is committed to high standards in quality and design of their instruments, this is matched with a standard 2 year warranty on the ZGR-RT-30 series.

Applications

- **Security and surveillance operations**
- **Customs and Border protection**
- **Hospitals**
- **Nuclear facilities**
- **Waste Recycling and Incineration plants**
- **Scrap metal recycling**
- **Research laboratories**
- **Production facilities**

Survey

Identification

Analysis Results

Hand Held Isotope Identification Instrument

The ZGR-RT-30 uses an advanced method of Automatic Stabilisation on Natural Background Radiation throughout its operation. This unique method eliminates the need for an additional radioactive check source.
In Survey mode, the ZGR-RT-30 provides excellent feedback to the user about count rate (in cps) in large characters, dose and dose rate in selectable units, battery status and a graphical histogram over last 80 seconds. Additional indicators are showing GPS activation, Bluetooth and Data recording.

Activating the Identification mode starts a predefined acquisition of a full gamma ray spectrum. The ZGR-RT-30 measures the radiation level and instructs the user to move closer, move away or keep in position. A moving bar graph indicates the progress of the measurement.
On completion of spectrum acquisition, an automatic analysis is performed using highly sophisticated algorithms. The Analysis Results are listed in descending order to the nuclide intensities, indicated with small histograms. Acquisition can be easily extended for improved analysis or sensitivity by the user. The ZGR-RT -30 contains a comprehensive Isotope Library that can be modified by experienced users to fit a specific application.

- **Survey Meter**
- **Dose Rate Meter**
- **1024 Ch Spectrometer**
- **Highly Sophisticated Algorithms**
- **Automatic Stabilization on Natural background**

The ZGR-RT-30 has 1Gb internal memory available to store spectra, analysis results and GPS location, such huge memory provides practically unlimited data storage. A recording mode is available to store each second the count rate of all detectors in the instrument, recording continues even during spectrum acquisition.

ZGR-RT-30	ZGR-RT-30G	ZGR-RT-30T	ZGR-RT-30N

The ZGR-RT-30 series has an IP65 dust- and water resistant, lightweight aluminium cast housing and a detachable plastic boot with shoulder strap for additional protection under harsh environments. The unit is powered by handy battery pack containing four AA type batteries (Alkaline or Rechargeable). A fully automatic charger is integrated in the unit for use with rechargeable (NiCd or NiMH) batteries.

Standard Comparison Table		ZGR-RT-30	ZGR-RT-30T	ZGR-RT-30G	ZGR-RT-30N
Display	Numerical				
	Graphical	●	●	●	●
Data acquisition	Gross Counting	●	●	●	●
	Spectroscopy	●	●	●	●
Connectivity	USB	●	●	●	●
	Bluetooth	●	●	●	●
Memory	Medium (4Mb)				
	Large (1Gb)	●	●	●	●
Software	GeoView Package	●	●	●	●
	Isotope Identification	●	●	●	●
	Assay mode				
Detector type	NaI, 30 x 30mm				
	NaI, 51 x 51mm	●	●	●	●
	BGO, 51 x 51mm				
	GM tube			●	●
	Neutron Detector				●
Mechanical	Handheld	●		●	●
	Telescopic arm		●		

Common Features

- **Large 2” scintillator**
- **Single button operation**
- **Automatic Stabilisation on Natural background**
- **Selectable audio alarm threshold**
- **Sophisticated Nuclide Identification procedures**
- **Bluetooth communication**
- **Connectivity with GPS**
- **1Gb internal memory**
- **Lightweight, robust design**
- **Optional Telescopic arm, Integrated GM tube or Neutron Detector**
- **LCD Graphic display**
- **Simple graphical user interface**
- **Removable protecting boot with shoulder strap**

Hand Held Isotope Identification Instrument

ZGR-RT-30

Technical data

Detectors
NaI/(Tl), Φ51 x 51 mm (2“ x 2“), 104 cm3 (6.3 in3), all models
Energy compensated GM tube with ZGR-RT-30G and ZGR-RT-30N
He-3 Neutron tube with ZGR-RT-30N

Spectrometer
1024 channel MCA, bipolar pulse shaping
Energy range 20keV - 3,0 MeV

Scintilometer
Sampling period 20/second

Gamma ray sensitivity at 1m
160 cps/1MBq for Cs-137
75 cps/1MBq for Am-241
270 cps/1MBq for Co-60

Dose meter
Energy corrected dose rate for NaI detector
Extended range with GM tube 10 mSv/h (1R/hr)

Display
Graphic LCD 128x64 pixels 28 x 60 mm
Automatic Backlight

Acoustic indication
miniature piezo speaker, audio frequency is proportional to measured count rate

Data Storage and Transfer
1 Gb memory for spectra, search profiles and dose
USB 2.0 and Bluetooth 1.2 Class 2

GPS Support
NMEA 0183

Environmental
IP-65 Dust and Water resistant
Operating temperature range -10°C to +50°C
RFI/EMF Shielding complies with FCC(47 CFR part 15) for
Class A CE Certification

Size and weight
LxWxH 260 mm x 81 mm x 96 mm (10.2“ x 3.2“ x 3.8“)
Weight 2 kg (4.4 lb) including batteries

Package
ZGR-RT-30 instrument
Protective boot with Carrying Strap
USB Cable
AC Net power adaptor
GeoView Software
Spare battery cartridge
User guide
Rugged Pelican storage and transportation case

Electrical High Pressure Washer

SPECIFICATION	
Model	**WCHM-2800MA**
Pressure	193Bar 2800PSI
Flow Rate	25L/Min 7GPM
R.P.M	1440r/min
Pump	ZN-3000
Drive	Direct
Power	7.5KW
Voltage	AC 380V
High Pressure Gun	Metal Gun
High Pressure Hose	Ø10mmx10m
Nozzle	4pcs(0° 15° 25° detergent)
Frame	Horizontal Hand-pushed
Wheel	2-10"Pneumatic Tires
N.W/G.W	75kg/79kg
Carton Dimension	870x430x500(mm)
1x20'GP	130 pcs
1x40'GP	270 pcs
PRICE	**4,661 SR/Dhs**

Gas Powered High Pressure Washer

SPECIFICATIOIN	
Model	**WCHM-3500D**
Pressure	242Bar 3500PSI
Flow Rate	18L/Min 4.5GPM
R.P.M	3400r/min
Pump	ZN-2000
Drive	Direct
Power	13HP
Starting	Start with battery
High Pressure Gun	Metal Gun
High Pressure Hose	Ø8mmx10m
Nozzle	5pcs(0o 15 o 25 o 40 o detergent)
Frame	Horizontal Hand-pushed
Wheel	4-10" Pneumatic Tires
N.W/G.W	99kg/105kg
Carton Dimension	900x550x670(mm)
1x20'GP	72pcs
1x40'GP	156pcs
PRICE	**5,790 SR/Dhs**

Car Wash Accessories

WCHM-90 (Foam machine)

WCHM-150 (Water extractor)

SPECIFIUCATION		
Model	**WCHM-90 (Foam machine)**	**WCHM-150 (Water extractor)**
Working Pressure	1-2Bar	AC 220V
Capacity	90L	50Hz
Safety Valve Max Pressure	3Bar	5.2A
Crust	Metal	0.75KW
N.W/ G.W	15.5/16.5kg	800r/min
Carton Dimension	460x425x780(mm)	710x520x750(mm)
1x20'GP	195pcs	83.5/85KG
1x40'GP	420pcs	99pcs
PRICE	**2,284 SR/Dhs**	**2,284 SR/Dhs**

Rain Coat

ZQF-QFM8804

PRICE: 66 SR/Dhs

ZQF-QFM8845

PRICE: 83 SR/Dhs

Code J

GPM Fuel Transfer Pump

General Specifications

* 12v DC Fuel Transfer Pump
* 1/4HP DC Motor
* Current: 15A
* Flow Rate up to 76LPM/20GPM
* 4 Wheel Mechanical Flow Meter
* Work pressure 50psi max.
* Flow rate 6-40GPM / 23-160LPM
* Aluminum housing
* Resettable
* Liter or Gallon;
* 1"or 3/4"port NPT or ISO
* Totalizer registers up to 9,999,999.9
* ±1% accuracy
* *Box contents:*

  Pump 1pc, 4 wheel flow meter 1pc, Aluminum Manual Nozzle 1pc, 1in Static Guarded Fuel Hose, 3-Wire Battery Cable, Steel Telescoping Suction Pipe (56cm-100.5cm) 1pc, Hose Fittings 1set , Teflon Tape 1Roll, Owner's Manual 1pc

MA-NV-NP58028-12V-12
12V Fuel Pump Hose 12 meters
With internal suction pump (self pumping)
With manual nozzle; with 4 wheel flow meter

PRICE: 1,475 SR/Dhs

MA-NV-NP58028-12V-5
12V Fuel Hose 5 meters
With internal suction pump (self pumping)
With manual nozzle; with 4 wheel flow meter

PRICE: 1,254 SR/Dhs

MA-NV-NP58028-24V-12
24V Fuel Hose 12 meters
With internal suction pump (self pumping)
With manual nozzle; with 4 wheel flow meter

PRICE: 1,885 SR/Dhs

MA-NV-NP58028-24V-5
24V Fuel Hose 5 meters
With internal suction pump (self pumping)
With manual nozzle; with 4 wheel flow meter

PRICE: 1,675 SR/Dhs

Applications:
- Tankers
- Fuelling Companies
- Fuelling Stations
- Stand-By Fuel Stations

CODE	J

3M Dynatel™ Cable/Pipe Locator 2250M Cable/Pipe and Marker Locator 2250M-iD

3M™ Dynatel™ Cable/Pipe Locator 2250M and Cable/Pipe and Marker Locator 2250M-iD incorporate advanced electronics to quickly and efficiently trace the path of underground cables and pipes (with metallic tracer wire). They provide accurate cable/pipe, or Sonde depth measurements, giving a digital readout in inches, feet and inches, or centimeters (user-selectable). Lightweight, compact and well-balanced, these cable and pipe locators allow you to accurately and easily:

- Locate cable and pipe path
- Measure cable/pipe, or Sonde depth with the push of a button
- Display relative signal current in the cable or pipe
- Identify cable using toning
- Tone shorts and grounds in aerial cable
- Identify cable pairs through wet sections
- Locate energized power and CATV cable

Exclusive GPS system adds accuracy with ease
The 2250M/2250M-iD locators are now compatible with select GPS/GIS field mapping instruments for real-time mapping of marker placement. The customized Dynatel interface remotely commands the GPS/GIS device allowing even a generalist field technician to perform real-time mapping. Exporting information directly into leading CAD and GIS systems creates an automated paperless system for records updating.

Several unique modes of operation for accurate Locates in every situation
For cable or pipe locating, 2250M/2250M-iD locators have a highly accurate multi-antenna design for various user-selected locating modes—Directional Peak, Multi-Directional Null, plus an ultra-sensitive Special Peak mode for extreme depths.
A unique “expander” function makes peaks and nulls more pronounced.
Directional Peak mode combines the response from four peak antennas to indicate direction to the cable/pipe while a bar graph and numeric display indicate the sharp and accurate dual-peak response. Semi-automatic gain set with manual override provides maximum flexibility and control. Multi-directional null mode shows null signal response with automatic gain and shows cable/pipe location and direction on a unique compass-like graphic display. When connected to standard NMEA compliant GPS devices.

A simple, easy-to-use system
The 3M™ Dynatel™ Cable/Pipe Locators 2250M/2250M-iD require very little operator training. An RS232 communications port allows interface to an external computer for uploading/downloading of data, unit configuration and remote software upgrades. Estimated operating time is more than 30 hours on eight AA alkaline batteries.

The system consists of two basic components:
- Transmitter with built-in ohmmeter, which also measures the presence of foreign voltage and tests the continuity of the circuit.
- Rugged, one-piece hand-held receiver with large high-resolution LCD display. Bar graph signal strength and direction indicates received signal and proximity to the cable. M-iD versions locate and read/write to all EMS-RFiD markers.

The 2250M/2250M-iD locators use four active trace frequencies (individually or simultaneously) to compensate for varying field conditions. The receiver incorporates passive power, CATV, and auxiliary frequencies that do not require the use of the transmitter. The receiver also offers four user-definable auxiliary frequencies.

With the easy-to-use configuration tool, users can enable or disable any of 22 frequencies. Both the receiver and the transmitter

Important Notice
All statements, technical information, and recommendations related to 3M’s products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M’s current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

PRICE : 15,375 SR/Dhs

3M Dynatel™ Cable/Pipe and Fault Locator 2273M Cable/Pipe, Fault and Marker Locator 2273M-iD

The 3M™ Dynatel™ Cable/Pipe and Fault Locator 2273M and Cable/Pipe, Fault and Marker Locator 2273M-iD incorporate advanced electronics to quickly and efficiently locate conductor or sheath (earth return) faults and trace the path of underground cables and pipes (with metallic tracer wire). They provide accurate cable/pipe, or Sonde depth measurements, giving a digital readout in inches, feet and inches, or centimeters (user-selectable). Lightweight, compact and well balanced, these cable and pipe locators allow you to accurately and easily:

- Locate cable and pipe path
- Measure cable/pipe, or Sonde depth with the push of a button
- Display relative signal current in the cable or pipe
- Pin-point conductor or sheath (earth return) faults and cable breaks
- Discriminate between light and heavy faults
- Identify cable using toning
- Tone shorts and grounds in aerial cable
- Identify cable pairs through wet sections
- Locate energized power and CATV cable

Exclusive GPS system Adds Accuracy with ease

The 2273M/2273M-iD locators are now compatible with select GPS/GIS field mapping instruments for real-time mapping of marker placement. The customized Dynatel interface remotely commands the GPS/GIS device allowing even a generalist field technician to perform real-time mapping. Exporting information directly into leading CAD and GIS systems creates an automated paperless system for records updating.

Several unique Modes OF Operation For Accurate Locates in every situation

For cable or pipe locating, 2273M/2273M-iD locators have a highly accurate multi-antenna design for various user-selected locating modes—Directional Peak, Multi-Directional Null, plus an ultra-sensitive Special Peak mode for extreme depths.

A unique “expander” function makes peaks and nulls more pronounced. Directional Peak mode combines the response from four peak antennas to indicate direction to the cable/pipe while a bar graph and numeric display indicate the sharp and accurate dual-peak response.

Semi-automatic gain set with manual override provides maximum flexibility and control. Multi-directional null mode shows null signal response with automatic gain and shows cable/pipe location and direction on a unique compass-like graphic display.

* When connected to standard NMEA compliant GPS devices.

Precise Location OF sheath (earth return) Faults

The 3M™ Dynatel™ Cable/Pipe and Fault Locators 2273M/2273M-iD can precisely locate conductor or sheath (earth return) faults on both short and long cable sections faster than ever. The transmitter unit sends a trace signal simultaneously with a fault-locate signal, allowing the operator to use the cable-locate function when locating faults in long cable sections. Two fault readings may be stored at a time for quick reference.

A simple, easy-TO-use system

The new locators require very little operator training. An RS232 communications port allows interface to an external computer for uploading/downloading of data, unit configuration and remote software upgrades. Estimated operating time is more than 30 hours on eight AA alkaline batteries.

The system consists of three basic components:

- Transmitter with built-in ohmmeter, which also measures the presence of foreign voltage and tests the continuity of the circuit.
- Rugged, one-piece hand-held receiver with large high-resolution LCD display. Bar graph signal strength and direction indicates received signal and proximity to the cable. M-iD versions locate and read/write to all EMS-RFiD markers.
- Lightweight earth contact frame that is color-coded to correspond with indications from the receiver directing the operator toward the fault.

The 2273M/2273M-iD locators use four active trace frequencies (individually or simultaneously) to compensate for varying field conditions. The receiver incorporates passive power CATV and auxiliary frequencies that do not require the use of the transmitter.

PRICE : 20,925 SR/Dhs

3M Dynatel™ 2210 Cable Locator

The 3M™ Dynatel™ 2210 Cable Locator pinpoints the exact path of underground cables and conductors. Lightweight and easy to use, the Dynatel 2210 cable locator quickly and accurately:

- Locates cable path
- Measures cable depth with the push of a button
- Measures relative signal current in the target cable
- Locates power cable with direct readout of cable depth

The cable locator is simple to operate and interpret and is suitable for most locating tasks. The locator incorporates an improved peak locating mode which provides a sharp peak response, allowing easy discrimination between adjacent cables. The unit estimates cable depth quickly and simply, giving a digital readout in inches. The unit consists of two basic components:

- Transmitter with built-in circuit continuity tester, frequency and output level selections
- One-piece hand-held receiver

The cable locator operates using two different active frequencies: 577 Hz and 33 kHz. The 577 Hz tone is applied by direct metallic connection and is used for extended distance locating. The 33 kHz tone is useful for precise cable locating over medium distances and is applied by direct connection or induction using either a Dyna-Coupler or the unit's internal antenna.

The locator features an easy-to-read bar graph on the receiver to indicate received signal and proximity to the cable. The unit is powered by readily available alkaline batteries. All components are constructed f tough and rugged materials designed to withstand typical field use.

he 2210 Cable Locator provides passive locating without the transmitter using the Power signal (60 Hz) from energized power cables.

Standard Dynatel accessories

- Direct-Connect Transmitter Cable
- Ground Rod; stainless steel

Optional Dynatel accessories

• 3019 Dyna-Coupler Kit, consists of 3" Dyna-Coupler for use on cables up to 3" (7.6 cm), Coupler Extension Cable, and Pouch
• 3005 1" Dyna-Coupler; for use on cables up to 1" (2.5 cm) in diameter
• 1196 6" Dyna-Coupler; for use on cables up to 6.9" (17.5 cm) in diameter.

Important Notice

All statements, technical information, and recommendations related to Seller's products are based on information believed to be reliable, but the accuracy or completeness thereof is not guaranteed. Before utilizing the product, the user should determine the suitability of the product for its intended use. The user assumes all risks and liability whatsoever in connection with such use.
Any statements or recommendations of the Seller which are not contained in the Seller's current publications shall have no force or effect unless contained in an agreement signed by an authorized officer of Seller.

PRICE : 16,425 SR/Dhs

Binoculars & Telescopes

Binocular
ZFO-BN06050
Day Operation
7x25 WA
184m/1000m
PRICE: 142 SR/Dhs

Binocular
ZFO-BN06132
Day Operation
12x60LE BAK4
86m/1000m
BIG EYEPIECE
LONGE-EXIT PUPIL
PRICE: 182 SR/Dhs

Binocular
ZFO-BN06177
Day Operation
5x20
393FT/1000YDS
ELECTRONIC SCALE GOLFSCOPE
PRICE: 116 SR/Dhs

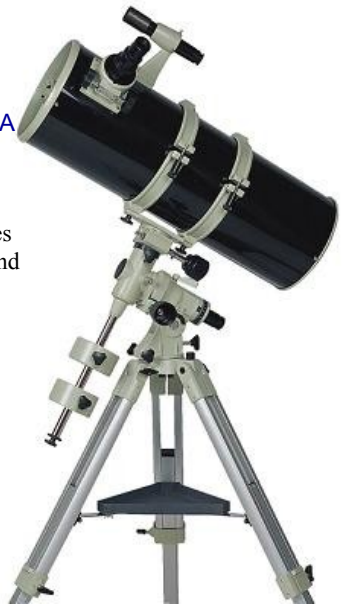
Binocular
ZFO-BN06453
Day Operation
22X100 BAK4
48m/1000m
PRICE: 1,106 SR/Dhs

Spotting Scope
ZFO-ST06392
Day Operation
18-36x50 Zoom
38m-23m/1000m
STRAIGHT EYEPIECE
8M-^{oo}
COLOR: CAMOUFLAGE OR BLACK
PRICE: 324 SR/Dhs

Spotting Scope
ZFO-ST06411
Day Operation
20-60x80 Zoom
31m-18m/1000m
STRAIGHT EYEPIECE
45^{o} EYEPIECE
8M-^{oo}
PRICE: 861 SR/Dhs

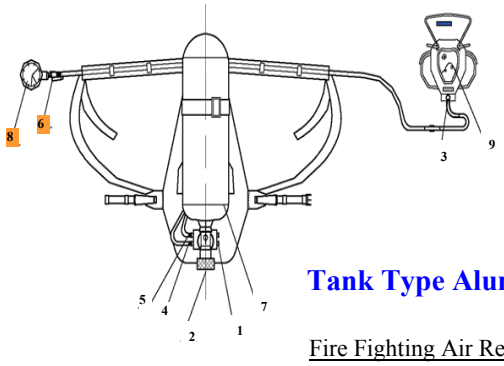
Astronomical Telescope
ZFO-AT06471 F70076mm
Aperture: 76mm (3")
Focal Length: 700mm, f/9
Finderscope: 5x24
Most Height: 125cm
Standard 0.965" acceddories include:
Eyepiece: SR4mm, H12.5mm, H20mm
2x Barlow lens
Metal tripod with slow motion control rod for easy vertical micro adjustment
PRICE: 253 SR/Dhs

Astronomical Telescope
ZFO-AT06474 F800203EQ IV—A
Equatorial Newtonian Reflector
Aperture: 203mm (8")
Focal Length: 800mm, f/4
Equatorial Mount with setting circles and slow motion controls on R.A. and Dec. Axes.
Heavy duty, aluminum tripod
Most Height: 140cm
Standard 1.25" acceddories include:
Eyepiece PL6.5mm, PL25mm
Moon filter, Sun filter
PRICE: 1,377 SR/Dhs



Air Breathing Apparatus

ZSHK-A42160 Swann Air Breathing Apparatus



Tank Type Aluminum

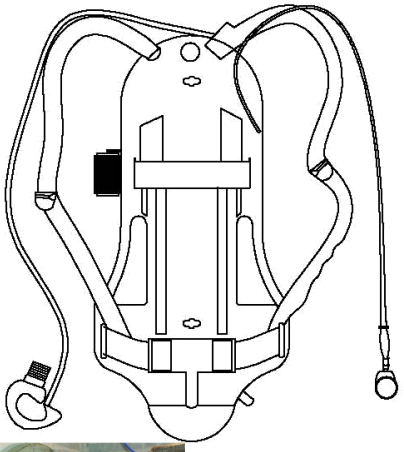
Fire Fighting Air Respirator
Code # ZSHK-A42160

1 - Pressure reduce 2 - Cylinder valve 3 - Supply valve 4 - Middle pressure tube 5 - Middle pressure tube
6 - Alarm 7 - Cylinder 8 - Pressure gage 9 - The face mask

PRICE: 6985 SR/Dhs

We offer high pressure **Air Breathing** compressors, Designed in Australia made by Hong Kong Boombox™ containment fill stations, DOT and ASME **air** cascade systems, Survivor **breathing apparatus** sales

ZSIT-PA91 plus-Drager Air Breathing Apparatus

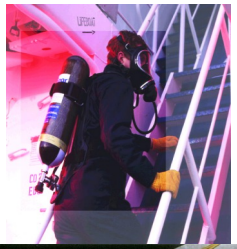


Tank Type Steel

Fire– Fighting Air Breathing
Code # ZSITPA91 PLUS

PRICE: 9981 SR/Dhs

NO	NAME	Model
1	Air bottle	6.8L
2	Cylinder valve	G5/8
3	Pressure reducer	NTHZ-EG
4	Face mask	NTHZ-F
5	Supply salve	NTHZ-DV
6	Pressure gage	0-0400bar
7	Pressure gage washer	
8	O-fing (high Pressure)	11.2X2.65
9	Fuse of value	
10	O-fing (middle Pressure)	28x2.65
11	Backboard	
12	alarm	P-EG
13	middle Pressure tube	950mm
14	high Pressure tube	950mm

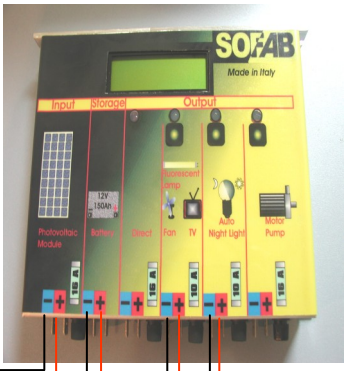


CCTV Solar Powered System

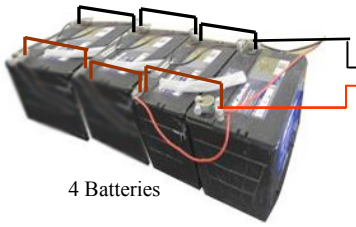
12Volt DC Solar Power Units for Cameras & DVR

CCTV Solar Panel Controller Power Supply

165 Watts Solar Panel



Installation Diagram



4 Batteries

2.5mm Electrical wire single core Required (Not included)

Required (Not included)

12 Volt DVR DC

DVR

12 Volt DC

ZSOLPW165 165 Watts 12V DC Solar Panel

Solar Panels are called "photovoltaic" or "photoelectric" cells. 165 Watt Solar Panel.

Dimension Size: 156 x 79cm.

Most durable body material to survive all climate condition.

New technology to get maximum life time with constant working condition.

Average Life Expectancy 25 Years.

PRICE : 3,712 SR/Dhs

ZSSEPC1210 12V DC Solar Panel Controller

SOFAB's Solar Panel Controller and Charger's main function is to Recharge Conventional Batteries by means of a Solar.

Solar power controller 10 Amp, 12 VDc Panel and regulate power flow to and from the controller.

The goal of the SOFAB circuit design was to make a charge controller with analogue simplicity, high efficiency, and reliability.

PRICE : 1,180 SR/Dhs

Flat-plate Solar Collector

ZIWH-CR2.0B

Size (mm) out line	2000 x 1010x 95
Copper riser tubes	Ø10mm x8pcs
Copper header	Ø22 x 2 PCS
Copper Absorber Fin	8pcs
Surface coating:	Black chrome coating
Insulation material	40mm rock wool
Frame	Aluminum alloy
Frame color	bronzed or white color
Glass	3.2mm low iron tempered &patterned glass with transmission 92%
Sealing profile	EPDM
Backing sheet	aluminium material

PRICE : 1,850 SR/Dhs

ZIWH-CR2.5B

Size(mm)out line	2000x1247x 95
Copper riser tubes	Ø10mm x 10pcs
Copper header	Ø22 x 2 PCS
Copper Absorber Fin	10pcs
Surface coating:	Black chrome coating
Insulation material	40mm rock wool
Frame	Aluminum alloy
Frame color	bronzed or white color
Glass	4mm tempered & pattern glass with trans mission 89%
Sealing profile	EPDM
Backing sheet	aluminium material

PRICE :2,166 SR/Dhs

ZIWH-CR2.0BT

Size(mm)out line	2000 x 1010x 95
Copper riser tubes	Ø10mm x 8pcs x 0.5mm
Copper header	Ø22 x 2 PCS x 0.6mm
Copper absorber Fin	8pcs
Surface coating:	Bluetec eat plus coating
Insulation material	40mm rock wool
Frame	Aluminum alloy
Frame color	bronzed or white color
Glass	3.2mm low iron tempered & patterned glass with transmission 92%
Sealing profile	EPDM
Backing sheet	aluminium material

PRICE : 2,121 SR/Dhs

Compared 3 Battery

Characteristics

Nominal Voltage		12V
Nominal Capacity (20 hour rate)		7.0Ah
Capacity 25℃(77°F)	20 hour rate (0.35A)	7.0Ah
	10 hour rate (0.665A)	6.65Ah
	5 hour rate (1.12A)	5.6Ah
	1 hour rate (4.55A)	4.55Ah
Internal Resistance	Full Charged Battery 25℃(77°F)	≤30mΩ
Cyclic Life	50%(C_{20}) Depth of discharge	600Times
Float Life	25℃(77°F) Float charge at 13.8V	About 3 Years
Capacity affected by Temperature (20 hour)	40℃ (104°F)	102%
	25℃ (77°F)	100%
	0℃ (32°F)	85%
	-15℃ (5°F)	65%
Self-Discharge 25℃(77°F)	Capacity after 3 month storage	90%
	Capacity after 6 month storage	80%
	Capacity after 12 month storage	62%
Charge (Constant Volt-age) 25℃(77°F)	Cycle	Initial Charging Current Less than 2.1A Voltage 14.6-15.0V
	Float	Voltage 13.5-13.8V

Parking

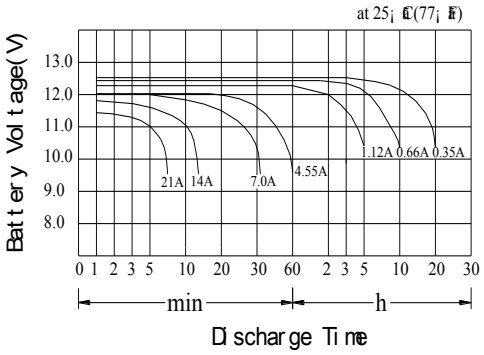
Battery (L×W×H)	mm±1	151×65×99
	inch	5.95×2.56×3.90
Box (L×W×H)	mm±2	320×284×122
	inch	12.6×11.2×4.81
Quantity Per Box		8 PCS
Net weight Per Cell		2.17 Kg±50g
Net weight Per Box		17.36 Kg
Gross Weight		17.66 Kg

Product Image

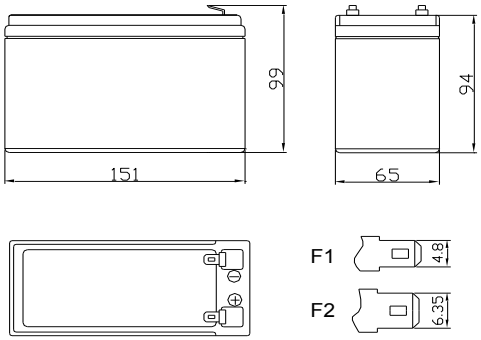
Battery price

MODEL	PRICE SR/Dhs
12V 0.8Ah	47
12V 1.2Ah	44
12V 2.3Ah	65
12V 2.6Ah	51
12V 3.2Ah	86
12V 4Ah	78
12V 4.5Ah	81
12V 5Ah	89
12V 7Ah	116
12V 7.5Ah	134
12V 8Ah	141
12V 9Ah	147
12V 10Ah	179
12V 12Ah	205
12V 14Ah	229
12V 17Ah	269
12V 20Ah	295

Discharge Curve



Product Dimensions



Battery Construction

Component	Positive plate	Negative plate	Container	Safety valve	Terminal	Separator	Electrolyte
Raw Material	Lead dioxide	Lead	ABS	Rubber	Copper	Fiberglass	Sulfuric acid

Discharge Characteristics

Volt-age	Run Time (Constant Current and Power 25℃ 77° F)											
	3 min	5 min	15 min	30 min	45 min	1h	2h	3h	5h	8h	10h	20h
9.6 V	302	267	155	93.8	65.5	52.4	28.2	20.5	13.9	9.17	7.63	4.16
10.2V	272	244	139	86.1	63.8	51.6	27.8	20.3	13.8	9.17	7.63	4.16
10.5V	227	214	132	81.2	63.1	50.8	27.4	20.0	13.8	9.03	7.56	4.07
10.8V	211	191	124	70.0	62.2	50.0	26.6	19.5	13.7	9.03	7.42	3.99

FM-200/ Fire Suppression System

FM-200/ FIRE SUPPRESSION SYSTEM			
The **FM-200** system mentioned here under to protect **Control Room** • Room area : 8*5 m2 • Room height : 5 m • Room volume : 120m3 • Gas qty. required : 145 lbs			
ITEM	**Description**	**Unit**	**Qty**
1	Gamma series 150 LBS Cylinder with valve assembly Without liquid level indicator Brand : CHEMETRON, Make : USA	EA	1
2	FM-200 agent in lbs filled equally in above cylinders Brand : CHEMETRON, Make : USA	Lbs	145
3	Primary completer kit for Gamma series cylinder Brand : CHEMETRON, Make : USA	Set	1
4	Wall ,mounted rack complete with brackets, strap, bolts & nuts for 400 lbs cylinders Brand : CHEMETRON, Make : USA	EA	1
5	Pressure switch ,2pole, indoor use only Brand : CHEMETRON, Make : USA	EA	1
6	Radial nozzie 360, stainless steel Brand : CHEMETRON, Make : USA	EA	1
7	Manifold check valve 2” for 150 lbs Gamma series Brand : CHEMETRON, Make : USA	EA	1
8	EP203 Extinguisher panel, 3zone EP automatic extinguishing control panel complete with monitored first & second stage sounder circuit manual release adjustable Delay, 2# 24 VDC battery 3 AH Brand : C-TEC, Make : UK	EA	1
9	Series 65, Photometric/Ion smoke Detector c/w base Brand : CONTEXT PLUS/C-TEC, Make : UK	EA	2
10	BF 372 Yellow extinguish ant release call point, SM Brand : C-TEC, Make : UK	EA	1
11	EP216 System abort button , Single gang Brand : C-TEC, Make : UK	EA	1
12	Bf336C, 24V Red polarized fire bell 6” Brand : C-TEC, Make : UK	EA	1
13	24 v sounder / beacon Brand : C-TEC, Make : UK	EA	1
14	Installation material like black steel pipes, ERW, SCH40, ASTM, A53, Grade A, pipe, Class 3000 fittings, flanges, Supports etc...For electrical installation EMT conduits with THHN cables and necessary fitting supports etc… **Engineering, Management and Execution :** Installation labor, supervision, complete engineering, design, layouts, isometric drawings, shop drawings complete marked up drawings and submission of as-built drawings and relevant Documentation like operation and maintenance manual, trouble shooting guide, catalogs, product, information, mobilization, demobilization of tools and man power, pneumatic testing of pipeline, pretesting, final testing and commissioning of the system to meet all the requirements of approved design package	1 Lot	
Sub total for the above			**88,754**

Rechargeable Emergency Light

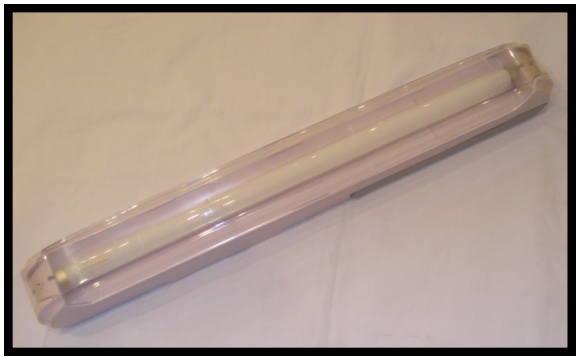
OC - 88X Rechargeable Emergency Light

Voltage Setting : For dual Voltage (110 - 240V) without Switch.
Charging : Please charge for 15 hours before first operation. Plug into AC outlet to start charging.
Battery Level Indicator : When the needle points of read zone, recharge immediately until the needle moves to 'Fu' or green zone
Caution : Do not leave more than 4 months without any charging even not in use for keeping long life

Specification

LAMP	6V4.5W x 2 pcs
CHARGING VOLTAGE	110 - 240V 50/60Hz
STORAGE BATTERY	6V/4.5Ah
OPERATING TIME	Approx. 4Hours for One lamp Approx. 2Hours for Two lamp
BATTERY LEVEL	F=Full
INDICATOR	E=Empty
DIMENSIONS (L x W x H)`	27 x 10 x 30 cm
NET WEIGHT	2.8kgs
PRICE	155 SR/Dhs

AF - 5050 Rechargeable Fluorescent Lantern with Flash



- Single fluorescent light
- Automatically turns on is power failure
- Built-in 6V Battery
- Mountable on wall, portable with built-in handle & stand
- Red LED indicates recharging
- Green LED indicates working
- Blue LED indicates flashing

PRICE : 55 SR/Dhs

Emergency Lights

SDC11154

PRICE : 124 SR/Dhs

SDC11145

PRICE : 124 SR/Dhs

SDC11141

PRICE : 124 SR/Dhs

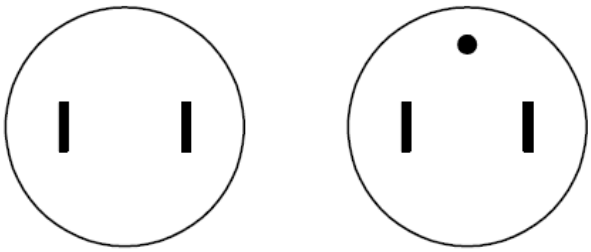
YD-129

PRICE : 2,206 SR/Dhs

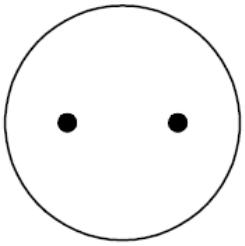
Rated power supply voltage： AC220V-240V 50Hz
Rated power： 2×4.5W
Bulb specification： 6V 0.75A bulb
Continuous illumination time： single light>4hours double light>2hours
Battery specification： 6V4.5Ah Lead-acid battery
Recharging time： About 20 hours
Product size： 26.7×8.5×35CM
G.W.： 14.5 kgs
N.W.： 13 kgs
Size: 70×32.5×33.5CM

Function description
Emergency automatic light-up
Rechargeable
Searchlight 300 left-right 120°up-down
Overcharge and over discharge protection

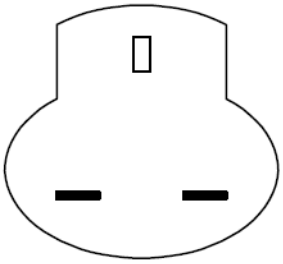
Standard Types of Power Plugs



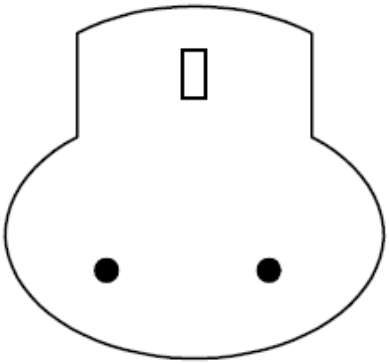
A type
(American Type)



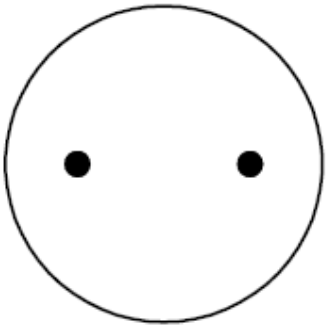
B type
(British Type)



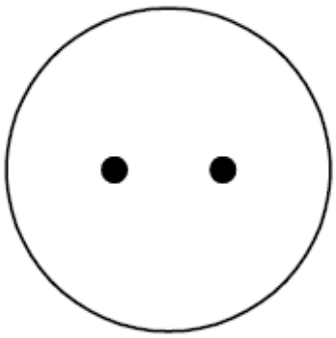
BF type
(British Type)



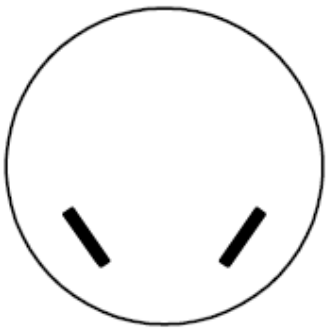
B3 type
(British Type)



C type
(CEE Type)



SE type
(CEE Type)



O type
(Ocean Type)

Model 8210-3-10B Spare Cuff

REQUESTED QTY 30,000

- Standard single cuff for controlling both wrists/forearms and ankles
- 22" (55.88cm) when laid flat
- 1/2" (1.27cm) wide with beveled edges to reduce potential for subject injury
- Tensile strength of more than 400 lbs. (240kg)
- Ample space for writing down subject information Color: White

Description	Part No.
Spare Cuff Box of 100 (White)	8210-3-10B
PRICE SR/Dhs	**786**

Model 8500-1-2B Safety Cutter

REQUESTED QTY 300

- Lever action for smooth cutting of disposable plastic
- Simple, fast, one-squeeze operation
- Pocket-sized for easy carry
- Safety design assures blade cannot be used as a weapon
- Easy left or right handed use

Description	Part No.
Safety Cutter Bulk Pack of 50	8500-1-2B
PRICE SR/Dhs	**4,503**

MODEL 82ES00 BLACKHAWK Warrior Wear Shell Jak
REQUESTED QTY 2,110

The Warrior Wear Jacket System consists of 3 jackets designed to be used separately or layered in combination with each other depending on the temperature, elements, and the wearer's need for insulation, ventilation, and wind or water resistance. Each layer of the system has a highly sophisticated design using the highest grade performance fabrics and most advanced construction techniques available. Jackets are sold separately only.

- Water and wind proof, breathable 3-layer laminate hard-shell seals out the elements
- Rugged face fabric in high abrasion areas
- 100% waterproof sealed seams throughout entire jacket and hood interior
- YKK waterproof zipper sealed external pockets
- YKK waterproof, adjustable pit-zips for ventilation
- Drawstring adjustable waist and bottom hem to keep out elements
- Stow-away hood with extended visor, face opening and crown draw-string adjustments for secure, sealed fit and unrestricted vision
- Hook and loop adjustable cuffs
- Comfortable fleece-lined collar and chin guard
- Waterproof center front storm flaps with dual direction zipper can be opened from top or bottom
- Available Sizes: Small – 3X

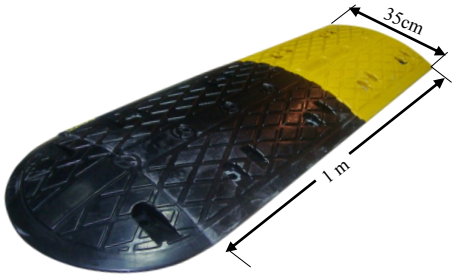
PRICE: 2,077 SR/Dhs

MODEL BS-3 BODY SHIELD

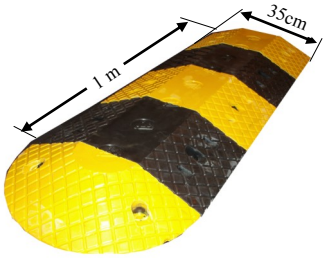
PRICE: 1,166 SR/Dhs

Rubber Speed Bumps

ZJG-BUMP04 Rubber Speed Bump
This is 5.cm high Rubber Speed Bump with reflective yellow painted stripes and "cat eye" reflectors molded to give better night visibility. Length 1mt, Height 5cm, Width 35 cm.
PRICE: 149 SR/Dhs (Per Meter)

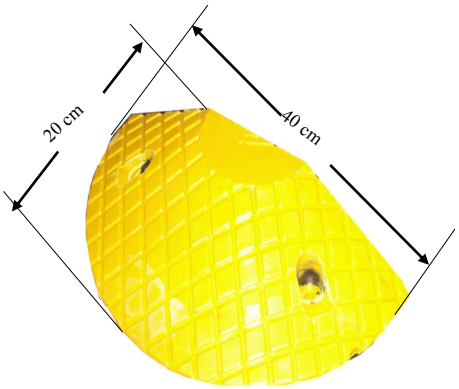


ZJG-BUMP07 Rubber Speed Bump
This is 7.cm high Rubber Speed Bump with reflective yellow painted stripes and "cat eye" reflectors molded to give better night visibility. Length 1mt, Height 7.cm Width 35cm.
PRICE: 259 SR/Dhs (Per Meter)



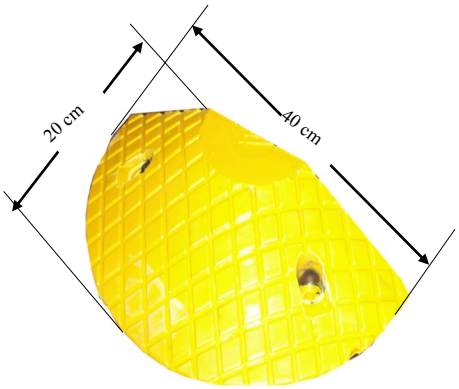
ZJG-BUMP-END07
Rubber Speed Bump End Cap
Material Rubber. Height 7cm

PRICE: 29 SR/Dhs

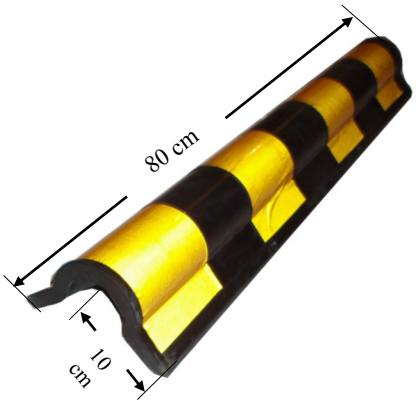


ZJG-BUMP-END04
Rubber Speed Bump End Cap
Material Rubber. Height 5cm

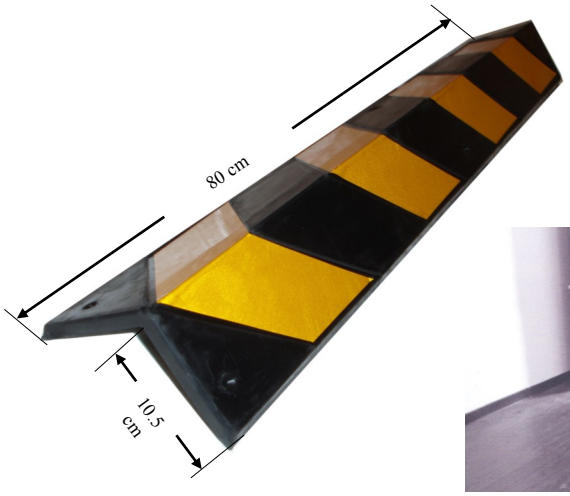
PRICE: 29 SR/Dhs



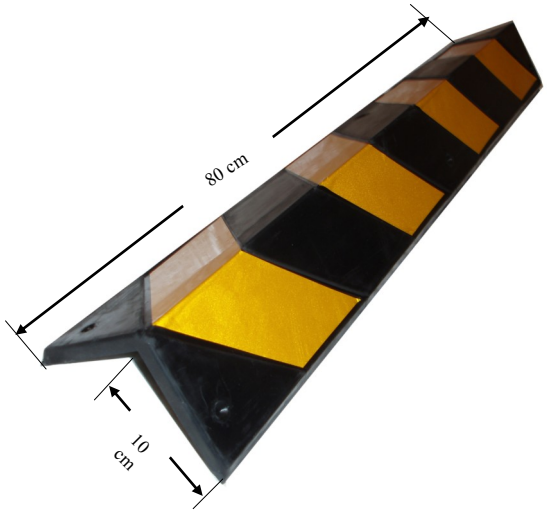
ZJG-BUMP-800 Rounded Rubber Wall Guard Protector 11mm Thick
Made from Rubber Material.80cm Long. 10cm Width. Round Shaped. Reflective Material
PRICE: 89 SR/Dhs



ZJG-BUMP-818 90° Rubber Wall Guard Protector 18mm Thick
Made from Rubber Material.80cm Long. 10.5cm Width. 18mm Thickness. "V" Shaped. Reflective Material.
PRICE: 79 SR/Dhs



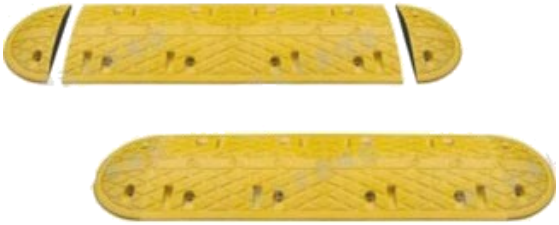
ZJG-BUMP-810 90° Rubber Wall Guard Protector 10mm Thick
Made from Rubber Material.80cm Long. 10cm Width. 10mm Thickness. "V" Shaped. Reflective Material
PRICE: 69 SR/Dhs



Note : Rubber Speed Bump Installation cost (Jeddah Region) 190 SR/Dhs per linear meter

Rubber And Plastic Products

ZJG-RS350D



PRICE : 154 SR/Dhs

Body size : 1000x350x50mm
Body weight : 16kgs
Body packing : 2pcs
End cap size: 350x50mm
End cap weight : 2.5kgs
End cap packing : 4pcs

ZJG-CL-2-CAUT-RED

PRICE : 25 SR/Dhs

ZJG-CL-2-EHZR-ARAB

PRICE : 25 SR/Dhs

Packing : 30 pcs
Carton size : 680x50x360 mm

ZJG-B824 Anti-Impact Barrel

PRICE : 329 SR/Dhs

Material : PVC
Weight : 7.2kgs
Height : 824mm
Diameter : 573mm
Reflective Material : Reflective sheeting

ZJG-PB580 Anti-Impact Barrel

PRICE : 217 SR/Dhs

Material : PVC
Size Width : 150mm(top)
: 420mm(botton)
: 150mm
: 420mm
Weight : 6.0kgs
Height : 580mm
Length : 580mm

Aluminum Road Stud

ZJG-CRS-1 Ceramic road stud

Metrial : ceramic
Weight : 0.15kgs
Diameter : 100mm

PRICE : 5 SR/Dhs

Rubber And Plastic Products

ZJG-SSC550 Retractable Traffic Cone

Height : 550mm
Weight : 1.3kgs
Base size : 310 x 310 x 50mm
Packing : 10pcs/carton
Carton size : 640 x 330 x 340mm

PRICE : 81 SR/Dhs

ZJG-RC750PR Plastic Traffic cone

Height : 750mm
Weight : 2.5kgs
Base size : 310 x 380 x 380mm
Reflective bands size : 250mm
Packing : 10pcs/pkg

PRICE : 48 SR/Dhs

ZJG-RC1000PR Plastic Traffic Cone

Height : 1000mm
Weight : 5.0kgs
Base size : x 490 x 4900mm
Reflective bands size : 315mm
Packing : 5pcs/pkg

PRICE : 50 SR/Dhs

ZJG-RD10R Red Bollards

Height : 1100mm
Weight : 7kgs, 9kgs
Size : x 100 x 1100mm
Packing : 11pcs/pkg

PRICE : 80 SR/Dhs

ZJG-SJ12 Plastic Rod Studs and Reflective Baton

With the E-Mark approval (E-mark)
Packing : plastic bag and red blow box;20pcs in one carton
N.W : 20KGS
G.W : 20.5KGS
Carton size : 460 x 390 x 237mm

PRICE : 24 SR/Dhs

ZJG-RC750OP-3 Plastic Traffic Cone

Height:750mm
Weight : 4 kgs
Base size : 400x400 mm
Reflective collar size : 420 mm

PRICE : 42 SR/Dhs

ZJG-RB540P Batton Light +Signal /Indicator

Weight : 0.19kgs
Size : x 40 x 540mm

PRICE : 59 SR/Dhs

Reflective Vests

ZJG-TRV-1-RED
ZJG-TRV-1-YEL

Material : Tennis fabric
Reflective bands : Class A
Packing : 100pcs/carton
Carton size: 540 x 390 x250mm

PRICE : 10 SR/Dhs

ZJG-TRV-2-RED
ZJG-TRV-2-YEL

Material : Tennis fabric
Reflective bands : Class A
Packing : 100pcs/carton
Carton size: 540 x 390 x250mm

PRICE : 14 SR/Dhs

ZJG-TRV-3-RED
ZJG-TRV-3-YEL

Material : Tennis fabric
Reflective bands : Class A
Packing : 100pcs/carton
Carton size: 540 x 390 x250mm

PRICE : 12 SR/Dhs

ZJG-TRV-4-RED
ZJG-TRV-4-YEL

Material : Tennis fabric
Reflective bands : Class A
Packing : 100pcs/carton
Carton size: 540 x 390 x250mm

PRICE : 10 SR/Dhs

Delineators

ZJG-HHD

Hard Highway Delineators
Height : 1200mm (according to repuirement)
Material : PMMA
Single or double reflector

PRICE : 40 SR/Dhs

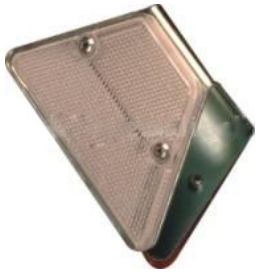
ZJG-LKB
Weight : 0.2kgs
Packing : 150pcs/carton
Carton size : 460 x 330 x 180

PRICE : 7 SR/Dhs

ZJG-LKA

Weight : 0.2kgs
Packing : 50pcs/carton
Carton size : 460 x 330 x 180

PRICE : 9 SR/Dhs



ZJG-LKC

Weight : 0.15kgs
Packing : 60pcs/carton
Carton size : 460 x 330 x 180

PRICE : 9 SR/Dhs

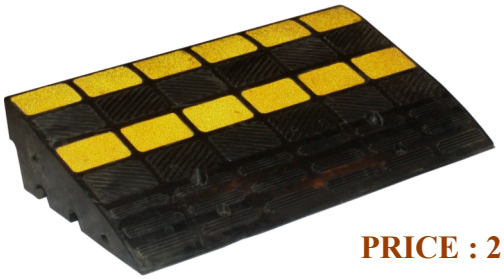
Rubber And Plastic Products

ZJG-PB8805 Anti-Impact Barrel

PRICE : 592 SR/Dhs

Length : 1500mm
Ceiling wide : 250mm
Base wide 480mm
Height : 800mm
Filling water : 250kgs
Tension : 16.44MPa
Breaking Lengthening : 264%

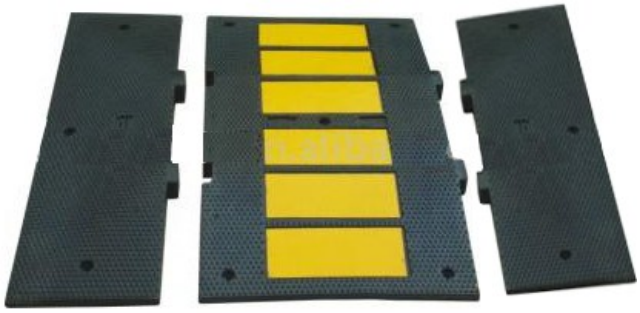
ZJG-RR150 Rubber Ramp



PRICE : 215 SR/Dhs

Body size : 600 x 360 x 150mm
Body weight : 19kgs
Body packing : 2pcs/carton
Body carton size : 610 x 399 x 165mm
End cap size : 360 x 150mm
End cap weight : 8kgs
End cap packing : 2pcs/carton
End cap carton size : 370 x 370 x 160mm

ZJG-RS900 Rubber Speed Humps and Caution Line



PRICE : 406 SR/Dhs

Body size : 500 x 900 x 50mm
Body weight : 19kgs
Body packing : 2pcs/carton
Body carton size : 530 x 910 x 110mm
End cap size : 230 x 900 x 50mm
End cap weight : 8kgs
End cap packing : 4pcs/carton
End cap carton size : 530 x 910 x 110mm

ZJG-WP120-1 Rubber Wires Protector

PRICE : 270 SR/Dhs

Size : 110 x 10000mm
Material : Rubber
Weight : 16kgs
Packing : 1pcs/carton
Carton size : 610 x 610 x 135mm

ZJG-WP120-2 Rubber Wires Protector

PRICE : 305 SR/Dhs

Size : 170 x 4000mm
Material : Rubber
Weight : 19kgs
Packing : 1pcs/carton
Carton size : 535 x 535 x 190mm

ZJG-WL7 Wheel Localizer

PRICE : 39 SR/Dhs

Material : Rubber
Weight : 4.5kgs
Size : 500 x 130 x 100mm (L x W x H)

Traffic Barricade Light

Traffic Barricade Light

ZJG-TB-L1-RED
ZJG-TB-L1-YEL

Light source : super high brightness LED
Flash frequency : 60/min
Voltage:6V(4R25)for more than 600 hours

PRICE : 22 SR/Dhs

Traffic Barricade Light

ZJG-TB-L2-RED
ZJG-TB-L2-YEL

Light source : super high brightness LED
Flash frequency : 60/min
Voltage:6V(4R25)for more than 600 hours

PRICE : 25 SR/Dhs

Traffic Barricade Light

ZJG-TB-L3-RED
ZJG-TB-L3-YEL

Light source : UHB- LED
Flash frequency : 60/min
Voltage :3V
Visible distance : 500m
Visible distance : 800m

PRICE : 25 SR/Dhs

ZJG-TB-L4-YEL Traffic Barricade Light

Light source : super high brightness LED
Flash frequency : 60/min
Voltage:6V(4R25)for more than 600 hours
Visible distance : 500m

PRICE : 22SR/Dhs

Solar Flashing Light

ZJG-RH-4607-200-RED
ZJG-RH-4607-200-YEL
ZJG-RH-4607-200-GRE

9V-50MA
Diameter :200 mm
Load –acid battery
Flashing /steady
Allumanium alloy
90 times per minute
Weight :10kg

PRICE : 1,320SR/Dhs

ZJG-RH-4607-300- RED
ZJG-RH-4607-300– YEL
ZJG-RH-4607-300– GRE

9V-50MA
Diameter :300 mm
Load –acid battery
Flashing /steady
Allumanium alloy
120 mtimes per minute
Weight : 10 kg

PRICE : 1,054 SR/Dhs

Solar Road Stud

ZJG-SRS-1-RED
ZJG-SRS-1-YEL
ZJG-SRS-1-WHT

Light source : super high brightness LED
Size : 140x130x157mm
Working time more than 108 hours

PRICE : 107 SR/Dhs

ZJG-SP115-F1-RED
ZJG-SP115-F1-YEL
ZJG-SP115-F1-WHT

Material : plastic
Two sided reflector
Weight : 0.16kgs
Size : 100x100x20mm

PRICE : 6 SR/Dhs

SJG-SA220-F2-Y-Y Aluminum Rod Studs

Material : Aluminum
Two side reflector, Yellow + Yellow
Weight : 0.39kgs
Size : x 100 x 100

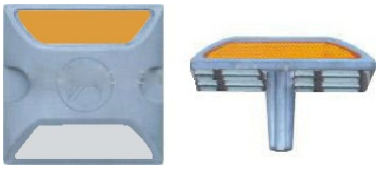
PRICE : 20 SR/Dhs

ZJG-SA220-U2-Y Aluminum Rod Studs and Solar Rod Stud

Material : Aluminum
One side reflector, Yellow
Weight : 0.39kgs
Size : x 100 x 100 x60mm

PRICE : 20 SR/Dhs

ZJG-SA220-F2-Y-W



Material : Aluminum
Two side reflector, Yellow + White
Weight : 0.39kgs
Size : x 100 x 100 x60mm

PRICE : 20 SR/Dhs

ZJG-SRS-2-RED
ZJG-SRS-2-YEL
ZJG-SRS-2-WHT

Light source : super high brightness LED
Size: 113x101x22mm
Working time more than 108 hours
Visible distance : 800m

PRICE : 107 SR/Dhs

ZJG-SP115-F2-RED
ZJG-SP115-F2-YEL
ZJG-SP115-F2-WHT

Material : plastic
Two sided reflector
Weight : 0.16kgs
Size : 100x100x20mm

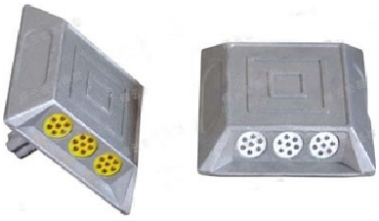
PRICE : 6 SR/Dhs

ZJG-SA220-F3-RED
ZJG-SA220-F3-YEL
ZJG-SA220-F3-WHT

Meterial Alumanium
Two sided reflector Weight : 0.39 kgs
43 reflective beading side
Size : 100x100 x60 mm

PRICE : 31 SR/Dhs

ZJG-SA220-F4-RED
ZJG-SA220-F4-YEL
ZJG-SA220-F4-GRE



Meterial Alumanium
Two sided reflector Weight : 0.39 kgs
21 reflective beading /side
Size : 100x100 x60

PRICE : 34 SR/Dhs

Solar Traffic Sign

- Battery : 9v.500ma
- Lead acid battery
- Flashing or steady
- 90 times per minute
- Alumanium alloy or poly carbonite
- More than 15 years

PRICE : 1,771 SR/Dhs
For All Models

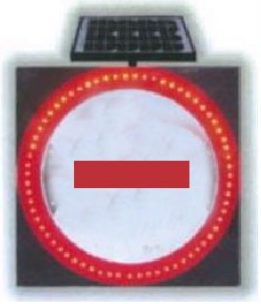
ZJG-RH-A1

ZJG-RH-A2

ZJG-RH-A3

ZJG-RH-A4

ZJG-RH-A8



ZJG-RH-A5

ZJG-RH-A6

ZJG-RH-A7

Parking Lock

Feature:-

- Used for locking the parking position to protect private parking from the other car parking.
- Flexible board can bear car's careless crash so that the parking barrier will no be damaged. Waterproof and high reliability.
- ZJG-PL-3 is automatic remote control up and down. In case of careless operation of remote control, the board can lie down or rising up automatically when it meets obstacle while working, so that the car and the barrier will not be damaged emergency key goes with the product, in case of power fails

ZJG-PL-1

Manually Operated
Dimension: 930X190X300mm (standing up)
9300x190x68mm (Laying down)

PRICE: 199 SR/Dhs

ZJG-PL-2

Automatically Operated
With 2 remote and 1 charger
Dimension: 660x200x290mm (standing up)
660x200x92mm (Laying down)
Additional Remote will cost 100 SR/Dhs

PRICE: 899 SR/Dhs

ZJG-PL-3

Manually / Automatically Operated
Dimension: 605x550x370mm (standing up)
605x550x52mm (Laying down)

PRICE: 299 SR/Dhs

SOFAB Convex Mirrors

Wall Mounting Convex Mirrors

ZST400MM
40cm. Without Rain Shade
PRICE: 428 SR/Dhs

ZST600MM
60cm.Without Rain Shade
PRICE: 592 SR/Dhs

ZST900MM
90cm. With Rain Shade
PRICE: 888 SR/Dhs

Full Dome Mirrors

ZJT-KLAV-080F 80cm
PRICE: 677 SR/Dhs

ZJT-KLAV-045F 45cm.
PRICE: 376 SR/Dhs

Half Dome Mirrors

ZJT-KLAV-045H 45cm
PRICE: 256 SR/Dhs

Outdoor Convex Mirrors

ZJT-KLC-045 Size: 45cm
PRICE: 428 SR/Dhs

ZJT-KLC-060 Size: 60cm
(ZJG-CM-1)
PRICE: 592 SR/Dhs

ZJT-KLC-080 Size: 80cm
(ZJG-CM-2)
PRICE: 799 SR/Dhs

ZJT-KLC-100 Size: 100cm
PRICE: 899 SR/Dhs

Quarter Dome Mirrors

ZJT-KLAV-065Q 65cm
PRICE: 150 SR/Dhs

ZJT-KLAV-030Q 30cm.
PRICE: 90 SR/Dhs

Inspection Convex Mirror

ZJT-KLTC-030
Size: 1 meter
PRICE: 699 SR/Dhs

Indoor Convex Mirrors

ZJT-KLF-030I Size: 30cm
PRICE: 165 SR/ Dhs

ZJT-KLF-045I Size: 45cm
PRICE: 226 SR/ Dhs

ZJT-KLF-060I Size: 60cm
PRICE: 301 SR/ Dhs

Special Convex Mirror

ZJG-KLS-040
Size: 30cm
PRICE: 135 SR/Dhs

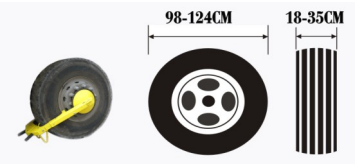
Z-SS-STD-98LB
ULTRATEC Tire Cuff for Small Vehicles. Constructed of Heavy Duty Steel Structure. Temper Resistant Will not allow Vehicle Movement.
PRICE: 1,980 SR/Dhs

ZSTSSIGN2
Aluminum Structure Frame with Fluorescent Interval Lights for Rear Illumination of Sign Board. Comes with Stainless Steel Columns. Stand 1.5 meters above the Ground. Sign Board size 1000mmx600mm.
PRICE: 2,586 SR/Dhs

SOFAB Tire Locks

Z-SZ-STD-98LA

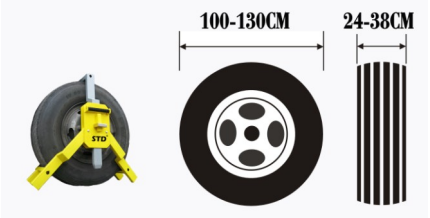
Auto alarming tire lock
Installing guard against theft annunciator in the internal of the wheel lock, prevent forcible dismantle or deterrence and man made damage.
Around the arms there are double layer of rubber and apron, so it will not damage the locked cars.
There are two steel stabs exist, if move the car by force, left one will puncture the wheel and right one will deflate the wheel to avoid force start.
The maximum opening of the flexible arms is 560mm, it can adjust arbitrarily according to the size of the wheel.
Adopting anti dusting solution inside the lock and electrostatic spraying plastics outside appears beautiful, novelty and durability.
For big vehicle use (Truck, bus,or long vehicle)
for Small Vehicles. Constructed of Heavy Duty Steel Structure. Temper Resistant Will not allow Vehicle Movement.
weight: 14/kg



PRICE: 688 SR/Dhs

Z-SZ-STD-98LA-1

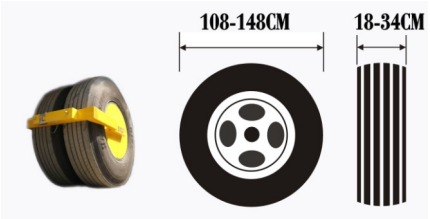
Heavy duty wheel boot
Weight: 35kg,
1.It is finely made of 5mm thickness high quality steel plate
2.it can be free flexible according to the tyre diameter and thickness
3.rubber protectors inside the clamp avoid scratches on the rim
4.resistant against rain and snow
5.locks that heavy-duty use in the long run
6.all components must sustain heavy duty usage
7.adjustable in diameter and if possible as well in tire width
8.fit on all the different wheel sizes of heavy-duty vehicles



PRICE: 1548 SR/Dhs

Z-SZ-STD-98LA-2

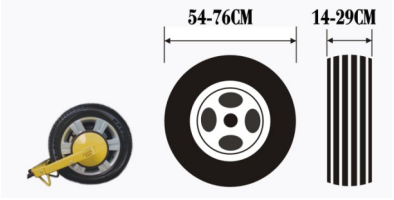
Double wheel immobilizer
1.it is made of 5mm thickness and 560mm diameter mold steel with screw positioning device, which enables it to firmly lock heavy-duty trailers
2.Locking mechanism is constructed of case-hardened steel without exposed shackle (cannot be
cut with a hacksaw or bolt-cutter).
3.Total max weight 20 kg, including padlock and wrench.
4.This product applies to heavy-duty trailers, construction trucks, container trucks, and big buses with double wheels in parallel.



PRICE: 1807 SR/Dhs

Z-SZ-STD-98LB

Professional (police) wheel clamps
Weight: 8.5 kg
Cover arm diameter: 255mm
Fits tyre width 145mm to 285mm
adjustable in diameter and if possible as well in tire width
can firmly lock vehicle with a high security. the alarming device installed can send out 120 decibel sound when smashed or opened with a force.
it is an ideal tool for personal car users'

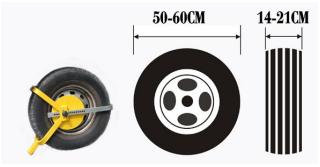


PRICE: 515 SR/Dhs

SOFAB Tire Locks

Z-SZ-STD-98LB-1

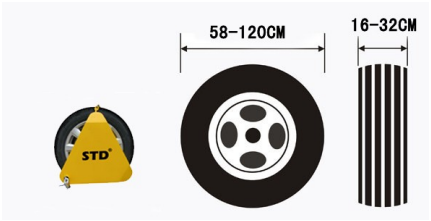
Standard triangle wheel clamp
Weight: 5 kg
To fit .tire width 145-205mm
Wheel nut disc: 150mm rubber covered
Use on steel wheels with no trim , Caravans & Cars.



PRICE: 225 SR/Dhs

Z-SZ-STD-98LB-3

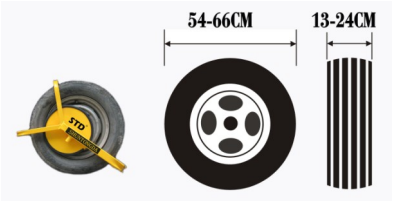
Triangle clamp
One piece design enables fast and effective clamping.
Fits all ranges of wheels from smallest car to 4x4.
Hi-Vi's reinforced cover plate protects vehicle.
Weight – 12.7 kg
Cover plate dimensions: 560mm x 560mm x 590 mm and is
Reinforced with 20mm steel tubing.
Chain is 10mm hardened square link
Padlock included



PRICE: 337 SR/Dhs

Z-SZ-STD-98LB-4

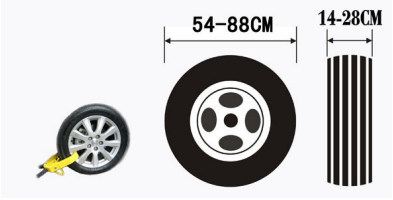
Claw style tire lock
Weigth:5.5kg
Compact size and light weight
Fits tyre width 145-195mm
Adjustable fit ,Soft, coated arms will not mar or scratch wheels and rims
Bright color is highly visible
Weather-resistant hardened steel construction resists cutting, sawing, picking, drilling and freezing
2-Year Warranty
Fitted in around 30 seconds



PRICE: 199 SR/Dhs

Z-SZ-STD-98LC

Motorbike wheel clamp
Weigth:5.5kg
Tire lock for cars, motorcycles and jeeps, below 5 tons trucks.
the Motorbike Clamp is effective on most makes of motorcycles.
Simple and easy to use, providing new levels of security. Robust and strong.
Protected 'finger grips' pass through the tyre spokes providing additional security, whilst the jaws firmly grip the tyre's rim.
A very secure immobilising wheel clamp specially designed for motorbikes.
it is an ideal tool for personal car users'



PRICE: 406 SR/Dhs

Traffic Lights

ZSIGNAL2
ULTRATEC, Red & Green LED Signal Light.
Size 100cm X60cm.
Monitor size 31cm.
PRICE: 2,900 SR/Dhs

ZNB-NBJD211FC-R
Φ200 Traffic Light Core (RED)
Housing water proof black box is by PC, Input 85~265VAC
PRICE: 303 SR/Dhs

ZNB-NBJD112-2
Φ100 Traffic Light (Red & Green)
Housing water proof black box is by Aluminum, Input 85~265VAC
Vertical Installation
PRICE: 724 SR/Dhs

ZNB-NBJD213F-3
Φ200 Traffic Light Core (RED, Yellow & Green)
Housing water proof black box is by PC, Input 85~265VAC
Vertical Installation
PRICE: 1,684 SR/Dhs

ZNB-NBJD212-2
Φ200 Traffic Light (Red & Green)
Housing water proof black box is by PC, Input 85~265VAC
Horizontal Installation
PRICE: 1,072 SR/Dhs

ZNB-NBRX212-2
Φ200 Pedestrian Traffic Light (Red and Green)
Housing water proof black box is by PC, Input 85~265VAC
Vertical Installation
PRICE: 1,060 SR/Dhs

Code L

Energy-saving Wireless Door Chime

FEATURE

- Take your door chime with you around the house or garden-avoid missing visitors.
- Special energy-saving technique. 3xLR6 batteries can work for 1 year. Compared with the common batteries in the market that can be only used for 2 to 3 months.
- Batteries in the remote control can work for 2 years.
- Push button is IP44 waterproof approval.
- Working distance is around 80nm
- 16 different melodies for option.
- Nameplate in the push button for family name or room number is available.

TECHNICAL DATA

- Transmission: radio
- Frequency:433.05MHZ ~ 434.79 MHZ or 315MHZ
- Code Number : 19683
- Transmitter power: <5mw
- Current consumption while not working < 0.15mA
- Loudness level: 80dB

BATTERY REQUIREMENT

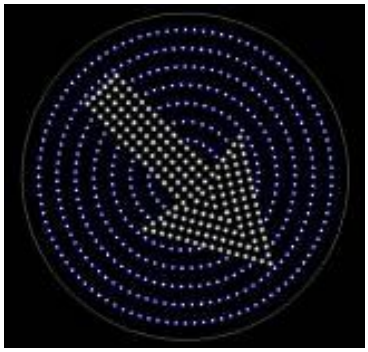
- Bell push - 1 x 12V alkaline battery(23A)
- Door chime - 3 ╳ AA alkaline batteries(LR6)
- Averagely three times a day,5s a times, battery
- LR6 can be used for nearly 0.5 year, battery 23A can be used for more than 2 years.

ZCRL-2R3921
PRICE: 50 SR/Dhs

ZCRL-2R3918B
PRICE: 43 SR/Dhs

Road Signs

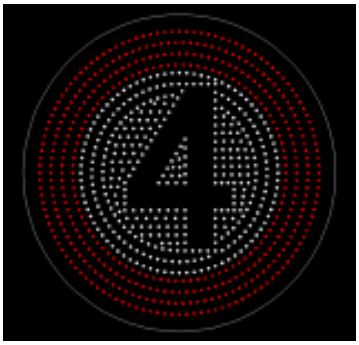
ZYA-44



60x60x8cm 5mm/led
with clear acrylic board
full of led blue and white

PRICE : 880 SR/Dhs

ZYA-143



60x60x8cm 5mm/led
clear acrylic board surface
(waterpoof and dustyproof)

PRICE : 970 SR/Dhs

ZYA-136

60x60x8cm 5mm/led
clear acrylic board surface
(waterproof and dustyproof)

PRICE : 897 SR/Dhs

ZYA-145

60x60x3cm 5mm/led
clear acrylic board surface
(waterproof and dustyproof)

PRICE : 542 SR/Dhs

ZYA-146

60x60x8cm 5mm/led
clear acrylic board surface
(waterproof and dustyproof)

PRICE : 587 SR/Dhs

ZYA-RS-01

40x120cm,5mm/led

1.ABS frame with transparent acrylic board

2.Aluminum-plastic black background

3.With GS/CE/ROHS certification

PRICE : 750SR/Dhs

ZYA-RS-02

40x120cm,8mm/led

1.ABS frame with transparent acrylic board

2.Aluminum-plastic black background

3.With GS/CE/ROHS certification

PRICE : 750 SR/Dhs

ZYA-RS-03

40x120cm,5mm/led

1.ABS frame with transparent acrylic board

2.Aluminum-plastic black background

3.With GS/CE/ROHS certification

PRICE : 750 SR/Dhs

ATM Machine Special revoling Protection Pavilion technical parameters

ATM Machine Special revoling Protection Pavilion. Products can be widely used in banks, hotels, supermarkets, hospitals, schools and other public places. Can be achieved from a functional perspective, the business function of bank branches.

ATM machine Special revoling Protection Pavilion can be wind, rain and every other noise, it is a high degree of automation, there is overtime to remind function, based on personnel access and environmental conditions will automatically turn off fans and lighting, with today's advocates of environmental protection and conservation are very similar fashion beat.

ATM Machine Special revoling Protection Pavilion technical parameters:
Pattern: CD2009
Profile(Can be customized): H2300, W1100, D1380
Platform: Smooth marble
Door: Rimless (Tempering, Explosion, Foil) Glass Door
Stainless steel framed (Tempering, Explosion, Foil) Glass Door
Arc Door opening width: 500~800mm
Open rate: 2.5`6s, Adjustable
Open the door to keep time:0~30s, Adjustable
Closed barrier protection methods: Meet resistance rebound
Open the door barrier protection methods: Meet resistance rebound
Power: AC220V 50HZ-60HZ
Input power: Action 55W, Static 6W, Lighting 3/11W, Light box 3/18W

Price : 33630 SR/Dhs

MEDICAL DOOR

AIR SEAL DOOR

Microcomputer controller of the door adopts foot-activated switch or a hand-activated switch. So a medical worker can open the door simply by putting his or her hand into the sensor box or near the sensor. Such a non-touch method avoids the possibility of prllution.
2-direction electric eyes check whether the door is opened or closed, ensuring safety during passage.
The door body uses hairline stainless steel or spray painting on the surface to meet the sanitation requirements of the hospital.

This product is applicable to surgery rooms of hospital, workshops of electronic factories and other special environments that need a good airtight effect.

Surgery rooms of hospitals and clean workshops of factories all need a type of automatic airtight door that can automatically open and close as well as ensure a good airtight effect. This type of airtight door elaborately designed by Chao shidai auto-door control Company. Adopting Avery strong power supply. V-type slideways and a peculiar slideway switching mode that uses grooves and endurable sealing strips can perfectly meet the aforesaid needs.

So, in purification engineering OULIDE airtight doors are widely used either exterior suspended or embedded installation method is adopted.

Price : 14028

TRUST MIDDLE EAST, AIRPORT EQUIPMENTS, SAFETY & SECURITY SYSTEMS LTD CO

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Fax: +966-2-690-0242
Email: Help@sofab.cc, Help@sofab.net
Website: www.sofab.cc, www.sofab.net

Saudi Arabia Offices and Showrooms

Jeddah	+966-2-636-3631, 637-1033, 642-2243, 669-0379, 669-5227, 655-8593		
Riyadh	+966-1-403-4031, 479-0068, 447-5281		
Dammam	+966-3-847-3139, 832-3018		
Qassim	+966-6-325-0283	Yanbu	+966-4-391-6512
Tabuk	+966-4-422-2899	Al Seeh	+966-4-826-5190
Kamis Mushait	+966-7-223-7688	Ar Ar	+966-4-664-3745
Makkah	+966-2-572-1110	Hafaral Bathin	+966–3-722-765
Madinah	+966-4-826-5190	Taif	+966-2-737-6270

Saudi Arabian Customers: Please contacts our office secretary (Tel: +966-2-682-3434, - Extension: Zero Operator) for the assistance in providing you with the telephone and address of the nearest Office or Showroom to you. (42 Offices & Showrooms Available Today in Saudi Arabia and around the Middle East)

Please contact our offices and partners in the following countries:

Dubai, United Arab Emirate
SOFAB Trading Company, Sales
Address: Dubai Media City, Space Tune Building Number 8, Office 412
Tel: +971-4-390-3687, Mobile: +971-50-154-7996
Fax: +971-4-390-8278, Email: Dubai@sofab.cc

Kuwait, City Kuwait
Eng. Mohammed Qabandi, ATC - Advanced Technology Co. Vice President
Address: SOFAB Building, Central Town, Kuwait City, Kuwait
Tel: +965-571-1760, Ext 427 or 423, Mobile: +965-669-777-40
Fax: +965-5711761/2, Email: mqabandi@atc.com.kw

Beirut, Lebanon
Eng. John Nadour, SOFAB S.A.R.L, Branch Manager
Address: Mokalles Industrial Zone, Philips, Olivetti St., Azar Bldg, Ground Floor
Tel: +961-1-683-888, Mobile: +961-3-849-493
Fax: +961-1-687-930, Email: Lebanon@sofab.cc

Milan, Italy
Eng. Franco Vanni, SDM S.R.L. Via T. Bresciani, 10-25080 Manerba del Garda (Bs), Tel: +39-0365-65-1892, Fax: +39-0365-65-4397, Email: info@sdmonline.it

London, United Kingdom
Eng Abdulla Yahia, 111 Fair Mile Lane Cobham
Surry United Kingdom.
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Email: info@Derickbw.com

Cincinnati Ohio USA
Eng. Mark Pohlkamp, SOFAB USA, Vice President, Global Sales & Operations 8121 Nagel Woods Drive, Cincinnati, OH 45255, Tel: +1-859-291-2579 Tel. Direct: +1-513-260-4400, Email: mark.pohlkamp@SOFABusa.com

Cape Town, South Africa
Eng. Mark Abbott, FBO Director, Executive Jet South Africa,
Cape Town International Airport, Tel. Direct: +27-21-934-5770,
Fax: +27-21-934-2087, Mobile: +27-82-416-4300
Email: abbott@ExecuJet.co.za

Other Offices are also available at the following countries
Egypt, Afghanistan, India, Jordan, Iraq, Iran & China

ELECTRICITY MADE SIMPLE *by the late Eng. Shiek Shamsan Alsohaibi "SOFAB"*

How to Select the Proper Electrical Wire Size

Power Rating																																
		K.W	0.06	0.09	0.12	0.18	0.25	0.37	0.55	0.75	1.5	2.2	3	4	5.5	7.5	8	9	11	15	18.5	22	30	37	45	55	75	90	110	132	160	200	220
		Hp	0.08	0.12	0.16	0.24	0.34	0.5	0.75	1	2	3	4	5.5	7.5	10	11	12	15	20	25	30	40	50	60	75	100	125	148.7	180	220	270	294.91
Voltage 220/230V 3-Phase	Full load current	A	0.50	0.70	0.80	1.20	1.50	2.1	2.8	3.6	6.8	9.6	11.5	14.5	22	28	30	32	42	54	68	80	104	130	150	192	245	312	400	425	600	630	780
	Cable Size	mm2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	4	6	10	10	10	16	25	25	35	50	50	70	95	150	185	185	185			
Voltage 380/400V 3-Phase	Full load current	A	0.3	0.4	0.4	0.65	0.8	0.98	1.5	2	3.5	5	6.5	8.4	11	14.8	16.5	18	21	29	35	42	57	69	81	100	135	165	200	240	285	352	388
	Cable Size	mm2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	4	6	6	4	6	6	10	10	10	10	50	50	50	50	50	120	120	120	150	185	240	240	2x150	2x151
Voltage 480/500V 3-Phase	Full load current	A	0.3	0.4	0.4	0.6	0.8	1	1.21	1.5	2.6	3.8	5	6.5	9	12	13.9	15.5	18.4	23	28.5	33	45	55	65	94.5	105	129	156	187	220	281	310
	Cable Size	mm2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	4	4	4	6	10	10	16	25	25	35	50	50	70	95	150	150	185	185

KVA conversion to kW: KVA X 0.8 = KW KW conversion to KVA:KW / 0.8 = KVA W / 220V = Amps W / 110V = Amps

P=IxE I=P/E E=P/I P= POWER/WATT E=VOLT I=AMPERE